



HEXEYE

892 COLUMNS. ONE SIGNAL.

A living compound-eye map for on-chain market activity.

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ARC MAINNET / \$HEXEYE / ARGUS LAUNCH

CA: PENDING LAUNCH

01 / ABSTRACT

Abstract

HEXEYE is a community-led visual experiment inspired by the architecture of the fruit fly visual system. Its central product is the HEXEYE Signal Map: an interactive compound eye composed of 892 hexagonal visual columns. Each eligible on-chain market event activates one column and gradually forms a visual record of market activity. HEXEYE is preparing to launch on Arc mainnet through Argus. A buy produces a green signal. A sell produces a red signal. After 892 eligible events, the completed sequence becomes an Eye Cycle. HEXEYE does not attempt to predict the market. It transforms public blockchain activity into a living visual memory.

THE MARKET MOVES. THE EYE REMEMBERS.

02 / SCIENTIFIC INSPIRATION

Scientific Inspiration

The project takes inspiration from research mapping the central nervous system of the adult male *Drosophila melanogaster*, together with an independent open-source experiment that connects this biological data to a browser interface.

The reference implementation processes visual input through:

- 892 retinotopic hexagonal visual columns
- 165,122 mapped neurons
- 10,228,000 weighted connections
- L1 and L2 visual pathways
- Descending motor-neuron groups controlling movement and clicks

These figures describe the referenced implementation and provide the conceptual foundation for HEXEYE. They do not imply that the HEXEYE token contains, reproduces or owns a biological connectome.

03 / THE HEXEYE CONCEPT

The HEXEYE Concept

Markets continuously generate signals, but most interfaces reduce them to candles, numbers and transaction lists. HEXEYE approaches the same public activity as a visual organism. The compound eye acts as a finite memory surface:

- The system observes an eligible blockchain event.
- The event is classified as a buy or sell.
- The next available visual column is activated.
- The column receives a green or red signal.
- Once all 892 columns are filled, the Eye Cycle is completed.
- The completed visual is preserved in the public archive.
- A new cycle begins.

04 / THE SIGNAL MAP

The Signal Map

Demo phase

The current website operates as an interactive visual prototype. Users can activate simulated signals to experience the 892-column system. Simulated activity must always be clearly identified as demo data.

Launch phase

After launch, HEXEYE is intended to read confirmed HEXEYE market activity from Arc. The token launch will be handled through Argus. The live market integration may be activated separately from the token launch, so the website can continue to display demo data until the indexer is connected and verified.

Each eligible live event is intended to expose publicly verifiable information:

- Transaction hash
- Block number
- Event direction
- Event timestamp
- Activated column
- Eye Cycle number

The visual interface is not intended to replace a blockchain explorer, trading interface or financial analytics platform.

05 / SYSTEM ARCHITECTURE

System Architecture

Observation Layer

Retrieves confirmed public Arc events associated with the HEXEYE market.

Signal Engine

Classifies eligible events and assigns each event to a visual column. Mapping rules should remain public and reproducible so the visual history cannot be secretly rearranged by the website operator.

Visual and Archive Layer

Renders accumulated signals as a compound eye. After 892 eligible events, the completed Eye Cycle is archived together with its corresponding event range.

Initial archives may be stored off-chain. Future versions may publish cycle hashes or additional proofs on-chain. The project will clearly distinguish between information recorded directly on Arc and information rendered or stored by the HEXEYE application.

06 / TOKEN AND LAUNCH PARAMETERS

Token and Launch Parameters

PROPERTY	VALUE
Name	HEXEYE
Symbol	\$HEXEYE
Network	Arc mainnet
Contract	PENDING LAUNCH
Launch platform	Argus
Launch status	Pre-launch
Total supply	1,000,000,000 \$HEXEYE
Market settings	Authoritative on the Argus token page

Argus is the launch interface for \$HEXEYE on Arc. Argus exposes each token's contract address, buy/sell tax, allocation and market activity on its token page. Prices and trading volume on the platform are displayed in USDC, while individual launch settings can differ by token. The deployed contract and the live Argus token page are the authoritative sources for token supply, fees, allocations and market configuration. This paper cannot modify the deployed contract or launch settings.

07 / UTILITY

Utility

\$HEXEYE is the community and participation token associated with the HEXEYE visual experiment. The project begins with narrow, achievable utility rather than promises of a complex financial ecosystem.

Current utility

- Participation in the HEXEYE community
- Access to the interactive Signal Map prototype
- Public identification of the project's central on-chain asset

Planned utility

- Live HEXEYE transaction visualization
- Public Eye Cycle archive
- Verifiable transaction-to-column history
- Community selection of future visual themes and cycle modes
- Downloadable and shareable Eye Cycle artwork

Planned features are development goals and not guaranteed financial benefits. Holding \$HEXEYE does not represent ownership of HEXEYE software, the referenced scientific datasets, Arc, Circle, Argus, Google, Janelia or any other organization.

08 / DEVELOPMENT ROADMAP

Development Roadmap

PHASE 01 / EYE OPEN

Launch \$HEXEYE on Arc through Argus, publish the official contract address, and ship the 892-column website and core visual identity.

PHASE 02 / LIVE SIGNAL

Connect the Signal Map to confirmed Arc activity, classify market direction and display transaction references.

PHASE 03 / MEMORY

Archive completed 892-event cycles, expose cycle histories and generate shareable cycle images.

PHASE 04 / COMMUNITY VISION

Community-selected visual modes, alternative signal experiments and evaluation of on-chain cycle proofs.

Roadmap items may change based on technical feasibility, security requirements and community interest.

09 / TRANSPARENCY PRINCIPLES

Transparency Principles

No false autonomy

HEXEYE will not claim that a biological brain controls the token or makes financial decisions.

No fabricated signals

Demo activity and live blockchain activity must remain visibly separate.

No guaranteed returns

HEXEYE does not promise profit, yield, appreciation or income.

No hidden affiliation

HEXEYE is not affiliated with Arc, Circle, Argus, Google, Janelia or the original Flybrain developers.

The contract is authoritative

Token parameters shown in interfaces or documents must never override the deployed contract.

10 / RISKS

Risks

Participation in HEXEYE involves significant risks, including:

- Extreme token-price volatility and partial or total loss of funds
- Low liquidity, price slippage and market manipulation
- Smart-contract, launchpad and liquidity-pool vulnerabilities
- Arc network congestion or infrastructure failure
- Incorrect or delayed blockchain data
- Regulatory uncertainty
- Unofficial or fraudulent copies of the token
- Delays, modification or cancellation of planned features

Users are responsible for verifying the official contract address before interacting. Never provide a seed phrase or private key to a website, administrator or community member.

11 / DISCLAIMER

Disclaimer

HEXEYE is an unofficial community experiment. \$HEXEYE does not represent equity, debt, ownership, revenue rights, intellectual-property rights or a guaranteed claim on any product or treasury.

Nothing in this document constitutes financial, legal, tax or investment advice. References to future functionality describe intentions rather than contractual promises. Users must conduct their own research and comply with the laws applicable in their jurisdiction.

12 / REFERENCES

References

HEXEYE Website

<https://hexeye.hexeyerh.workers.dev/>

Flybrain Open-Source Repository

<https://github.com/fruitflydev/flycoinrh>

Janelia Male CNS Connectome

<https://www.janelia.org/project-team/flyem/male-cns-connectome>

Arc Documentation

<https://docs.arc.io/arc-chain>

Argus Documentation

<https://argus.world/docs>

Official contract

PENDING LAUNCH

Official website

<https://hexeye.hexeyerh.workers.dev/>