MaryJaneCoin

WHITEPAPER V1.0

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A Privacy-Layered Proof-of-Stake Cryptocurrency with Native Solana Bridge

> **The first privacy blockchain to launch via pump.fun.**

TICKER	CONSENSUS	MAX SUPPLY	BLOCK TIME	GENESIS	SPL LAUNCH
MARYJ	Proof-of-Stake	1,000,000,000	4m 20s	April 8, 2026	April 20, 2026 · 4/20

SPL CONTRACT ADDRESS · SOLANA

`MARYJkS2kHxmVkQp8baNUL7d3R1pddLr65GgsArJAYY`

🌿 VANITY MINT · LIVE 2026-04-20

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1 in 11.2B

MARYJ prefix · case-sensitive

1 in 11.3M

JAYY postfix · case-sensitive

1 in 128 quadrillion

Combined · **~17× harder** than naive 58^9

Both ends were vanity-grinded out of the Solana keyspace. Solana addresses are 32-byte ed25519 public keys base58-encoded into 43- or 44-character strings. Only ~5.5% encode to 43 chars; **the letter "M" is mathematically blocked from the first position of every 44-char address**, so P("M" first-char) ≈ 0.001, not 1/58. Real probability of "MARYJ" prefix: **1 in 11.2 billion**; "JAYY" suffix is uniform: **1 in 58^4 ≈ 11.3 million**. Joint ≈ 7.8×10^{-18} → expected **~1 in 128 quadrillion** attempts (~17× harder than the naive 58^9 count almost everyone cites).

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Grinding done on **secure CPU only** — via the official `solana-keygen grind` with verified CSPRNG entropy. GPU vanity tools were rejected because GPU memory side-channels can leak keypairs through forensic readout, and a contract address whose entropy you can't trust is worse than no vanity at all. At ~500k keys/sec on a 32-core EPYC, that's ~71 million machine-hours: roughly **$3.5M–$5.5M in self-hosted electricity alone**, or **$80M–$120M in cloud CPU compute** at expected solve. About 8,250 years on one machine, or ~99,000 servers running in parallel for a month. **Nation-state-grade keyspace burn** for a meme. Almost no project bothers.



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SISTER COINS

🌿 PotCoin 🌿 MotaCoin

Genesis block mined **April 8, 2026**. The chain ran live for two weeks of public stress-testing — every privacy phase activated under real network load, real adversarial peers, real reorgs — before the official unveiling at **4:20 PM Pacific (Los Angeles)**. Each consensus transition was validated in production before the world was told to look.

🛒 Buy MARYJ

Outside the US — Binance Web3 recommended (Coinbase also works in supported regions).

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