We both know, crypto wallet addresses are weird, complex, difficult to recognize or remember, that was our first impression when we first learned about bitcoin and today it is also the first, second and third impression of friends and family we are onboarding to crypto-land.

The problem

- You can hardly memorize

, recognize

or distinguish

this

0x6719a70e3b9652d0cd3d4cd28a93556497e2bf96

From

0x6719a25fd0b48da00cd865e1f45ea6216b90bf96

- You can hardly transmit

the address or QR code via a voice channel

Solution

Human brain has great capacity to recognize patterns and retain complex visual perceptions, when he can make sense of it, and the most recognizable in this context

are geometric shapes & colors, what if the wallet address could be express (encoded) in Colorful Symbols string (using basic 6 unambiguous colors and set of universally recognizable symbols like triangle, square, circle, star, heart arrow… etc)

So this address: 0x6719a70e3b9652d0cd3d4cd28a93556497e2bf96

[

Screenshot%20of%20Momcode%20summary%20-%20Google%20Docs

638×568 56 KB

](https://ethresear.ch/uploads/default/original/2X/d/de2547435971e9a8aca7c57a836afd78105db3cd.jpeg)

Progress

In order to advance this research toward 1) final Encoding Dictionary 2) representation models (string, square, QR overlapping… etc)

I put together small test-lab https://momcode.io/lab/ which allows Hex Table manipulation and you forming your own Encoding Dictionary Proposal which you could export/share with URL link or PR on github https://github.com/drhus/momcode/milestones