

QRCodes

What are they and how can you generate them

QRCodes

A quick introduction

- Quick Response Code
- Developed in 1994 at Denso Wave, an automotive products company in Japan
- License specifies it's free for anyone to use
- QRCodes have been adopted for many uses, far beyond what the creators had imagined

Limitations

And capabilities

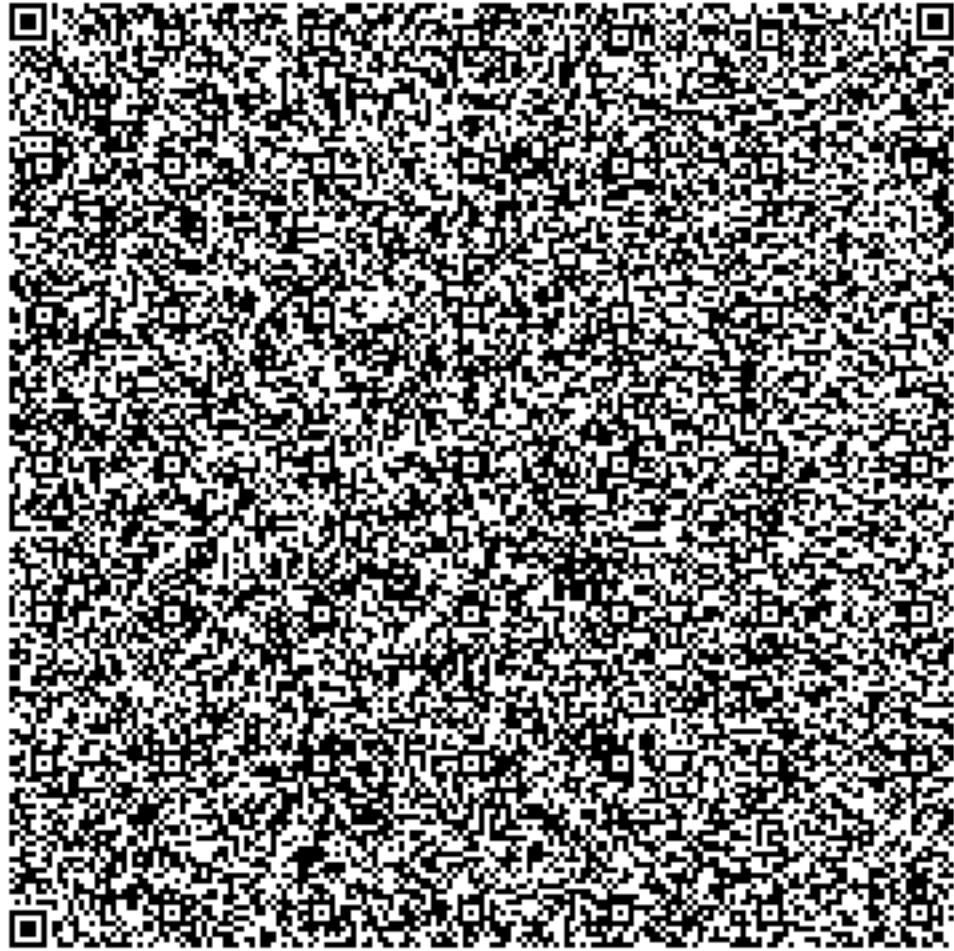
- QRCodes usually encode short strings such as Website URLs or Wifi credentials but they can store much more data than traditional barcodes

Input Mode	Max. Characters
Numeric only	7,089
Alphanumeric	4,296
Binary/byte	2,953
Kanji/kana	1,871

Simple HTTP Url



1852 characters



Frame QRCode to include images



On Facebook HQ



Resources

- https://en.wikipedia.org/wiki/QR_code
- <https://www.geeksforgeeks.org/how-to-generate-qr-codes-with-a-custom-logo-using-python/>
- <https://www.nayuki.io/page/creating-a-qr-code-step-by-step>
- <https://qr.blinry.org/> - how to read a QRCode