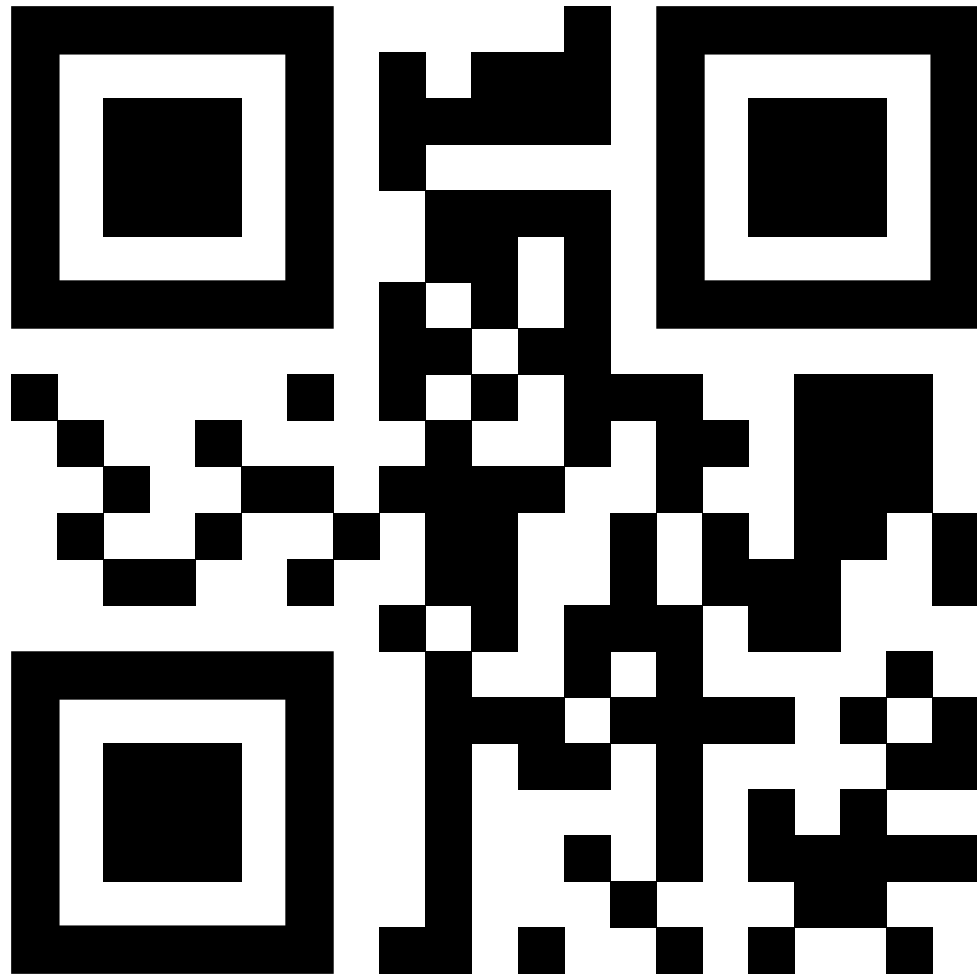


 **CS**  
**UNPLUGGED** at a distance

# QR Codes



# Key question

Have you ever tried to scan a QR code and it didn't read?



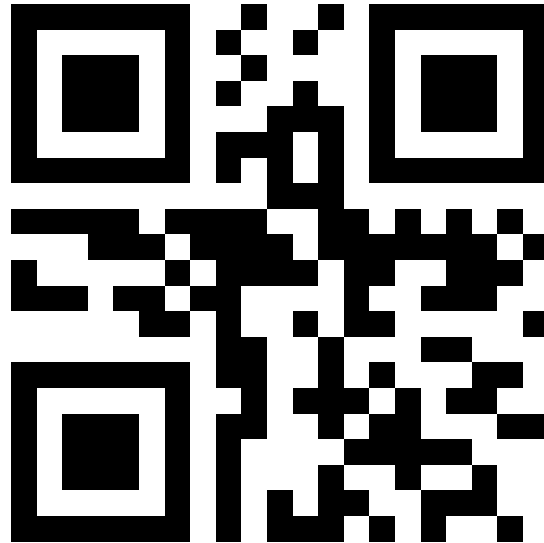


# Changing the bits



# QR Code Generator

Click on a square in the QR Code to invert it and use a QR Code scanning application on your mobile device to see if it's still readable.



Total bits: 441

Changed bits: 0 (0%)

Show changed bits

Reset QR Code

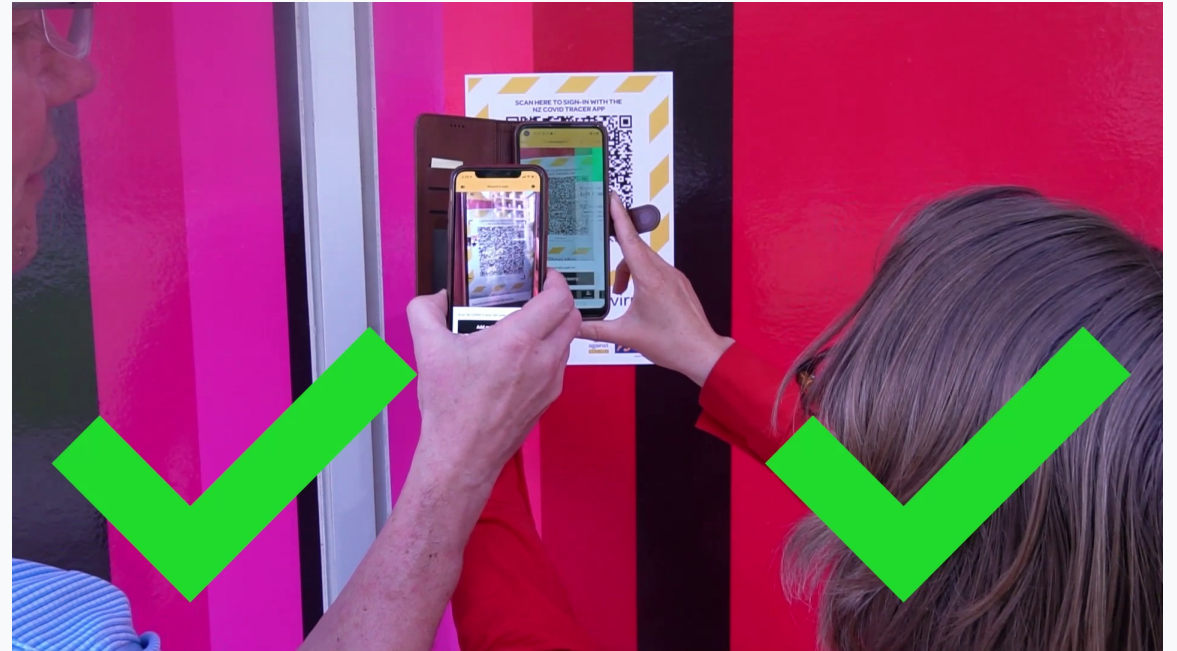
QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and in other countries.

# What is it all about?



Why do QR codes have large squares in the corners?

# What is it all about?



# Error Control

- Can computers find errors and correct them without any human intervention?
- What does the term **Error Detection** mean?
- What does the term **Error Correction** mean?
- What does the term **Error Control** mean?

# Supporting Resources

- Computer Science Field Guide - QR Code Generator

<https://www.csfieldguide.org.nz/en/interactives/qr-code-generator/>