

Matrix and stacked formats.

QR Code, Data Matrix, Aztec, and PDF417. Each symbol is generated directly from CSS as vector artwork.

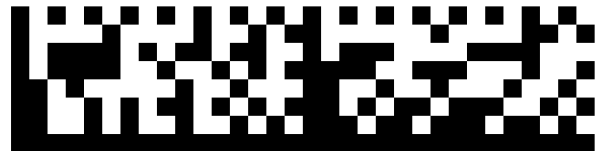
QR Code



Data: <https://example.com/report>

```
-precision-barcode(qr-code, "https://  
example.com/report")
```

Data Matrix



Data: PART-123

```
-precision-barcode(data-matrix, "PART-123")
```

Aztec



Data: FFDW-27-0418

```
-precision-barcode(aztec, "FFDW-27-0418")
```

PDF417



Data: BOARDING-PASS

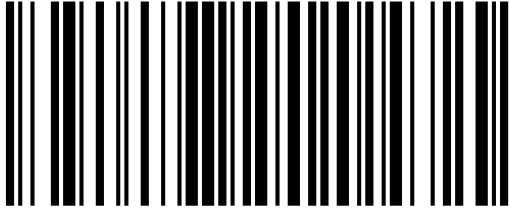
```
-precision-barcode(pdf417, "BOARDING-PASS")
```

Keep the clear area around every symbol intact. Supply EAN/UPC values with their complete, valid check digit; the generated artwork includes the digits.

Linear and retail formats.

Six formats for references, parts, and retail labels. Every value below is sample data.

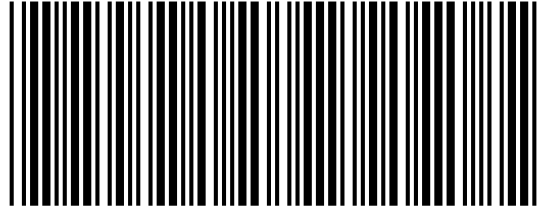
Code 128



Data: SHIP-123

```
-precision-barcode(code128, "SHIP-123")
```

Code 39



Data: PART-123

```
-precision-barcode(code-39, "PART-123")
```

EAN-13



Data: 4006381333931

```
-precision-barcode(ean-13, "4006381333931")
```

EAN-8



Data: 96385074

```
-precision-barcode(ean-8, "96385074")
```

UPC-A



Data: 036000291452

```
-precision-barcode(upc-a, "036000291452")
```

UPC-E



Data: 05096893

```
-precision-barcode(upc-e, "05096893")
```

Keep the clear area around every symbol intact. Supply EAN/UPC values with their complete, valid check digit; the generated artwork includes the digits.

Size with CSS.

Each symbol encodes <https://example.com/report>. Print at actual size to compare the 25 mm and 40 mm examples.

25 mm square



width: 25mm; height: 25mm; background-size: contain;

```
-precision-barcode(qr-code, "https://example.com/report")
```

40 mm square



width: 40mm; height: 40mm; background-size: contain;

```
-precision-barcode(qr-code, "https://example.com/report")
```

Generated content



The image uses its natural size.

```
content: -precision-barcode(qr-code, "https://example.com/report") / "Report QR code";
```

Background image



An explicitly sized box with background-size: contain and background-repeat: no-repeat.

```
-precision-barcode(qr-code, "https://example.com/report")
```

Use contain to preserve proportions and no-repeat to prevent tiling. Keep modules large enough for your scanner and leave quiet zones clear. Test the final printed size.

Choose where data lives.

All four symbols encode <https://example.com/report>. Use the form that fits your template or stylesheet.

CSS string



A literal string supplies the data directly.

```
-precision-barcode(qr-code, "https://  
example.com/report")
```

HTML attribute



The originating element carries `data-value="https://example.com/report"`.

```
content: -precision-barcode(qr-code, attr(data-  
value));
```

CSS custom property



The property contains a quoted string:

```
--barcode-data: "https://example.com/report";  
-precision-barcode(qr-code, var(--barcode-data))
```

URL input



QR Code can encode a resolved URL without fetching it.

```
-precision-barcode(qr-code, url("https://  
example.com/report"))
```

`attr()` encodes literal attribute text: a relative href stays relative. URL input resolves against the stylesheet or document base before encoding. Keep a visible label and equivalent text beside the barcode.

Color and QR correction.

Choose CSS colors and one of four QR error-correction levels. The defaults are black on white and QR correction M.

Custom foreground and background



Dark teal on cream, matching the event ticket.

```
-precision-barcode(aztec, "FFDW-27-0418",  
#193b47, #fff8e9)
```

currentColor and transparency



The symbol inherits teal; its background reveals a flat cream surface.

```
-precision-barcode(qr-code, "FFDW-27-0418",  
currentColor, transparent)
```

Four correction levels, the same URL

L / Low



Format argument

```
qr-code(error-correction-  
low)
```

M / Medium



Format argument

```
qr-code(error-correction-  
medium)
```

Q / Quartile



Format argument

```
qr-code(error-correction-  
quartile)
```

H / High



Format argument

```
qr-code(error-correction-  
high)
```

Foreground and background accept CSS colors, including `currentColor` and `alpha`. The background also fills the quiet zone. Keep strong contrast and a clear, flat background so symbols stay readable.