Converting Colors

RGB(247, 2, 255)

Have a look what the booklet for RGB(247, 2, 255) contains.

Color

RGB(247, 2, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F702FF
RGB	247, 2, 255
RGB Percent	97%, 1%, 100%
CMY	0.0314, 0.9922, 0.0000
CMYK	0.03, 0.99, 0.00, 0.00
HSL	298°, 100%, 50%
HSV	298°, 99%, 100%
XYZ	56.4295, 27.0376, 96.8524
YIQ	104.0970, 64.8070, 130.6230

Conversions

Conversions Part 2

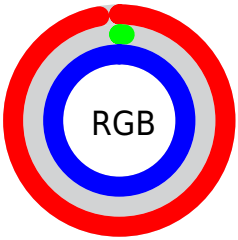
Format	Color
RYB	247, 2, 255
Decimal	16188159
CIELab	59.01, 96.92, -63.02
CIELCh	59, 115.607, 326.968
Yxy	27.0376, 0.3129, 0.1499
Android (android.graphics.Color)	4294378239 (0xFFF702FF)
YUV	104.0970, 74.3952, 125.3259
Hunter-Lab	51.9977, 102.7178, -74.0369

Details

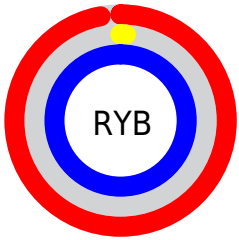
The RGB color 247, 2, 255 is a light color, and the websafe version is hex FF00FF. The color can be described as light saturated magenta. A complement of this color would be 10, 255, 2, and the grayscale version is 103, 103, 103.

A 20% lighter version of the original color is 255, 104, 255, and 185, 0, 197 is the 20% darker color. If you saturate the color by 10%, you get 247, 0, 255, and if you desaturate by 10%, it is 248, 27, 255.

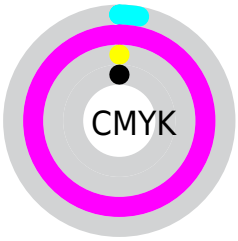
Distribution



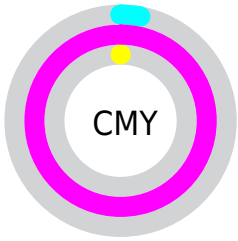
- Red (97%)
- Green (1%)
- Blue (100%)



- Red (97%)
- Yellow (1%)
- Blue (100%)



- Cyan (3%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 2, 255 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 247, 2, 255 by changing the saturation by 10% instead.

247, 2, 255

255, 255, 255

255, 104, 255

255, 137, 255

255, 169, 255

255, 200, 255

255, 231, 255

247, 2, 255

216, 0, 226

185, 0, 197

155, 0, 169

125, 0, 142

95, 0, 116

67, 0, 90

34, 0, 65

0, 0, 42

0, 1, 20

247, 2, 255

247, 0, 255

247, 2, 255

248, 27, 255

249, 53, 255

249, 79, 255

250, 104, 255

251, 130, 255

252, 155, 255

253, 180, 255

253, 206, 255

254, 232, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

56, 120, 255

247, 2, 255

255, 0, 157

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

247, 2, 255

182, 135, 0

0, 181, 233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

247, 2, 255

10, 255, 2

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

0, 179, 129

247, 2, 255

77, 162, 0

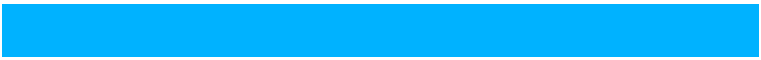
Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

247, 2, 255

255, 81, 0

0, 174, 0



0, 178, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

247, 2, 255

255, 0, 91

0, 174, 0

0, 181, 199

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

247, 2, 255

253, 179, 255

2, 10, 255

126, 82, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

247, 2, 255

247, 0, 255

255, 2, 137

127, 115, 128

185, 0, 191

62, 0, 64

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

255, 2, 10

255, 0, 8

2, 255, 120

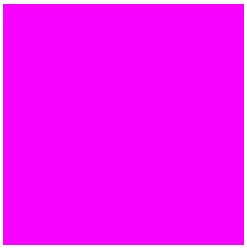
128, 115, 115

191, 0, 6

64, 0, 2

Previews

White Background

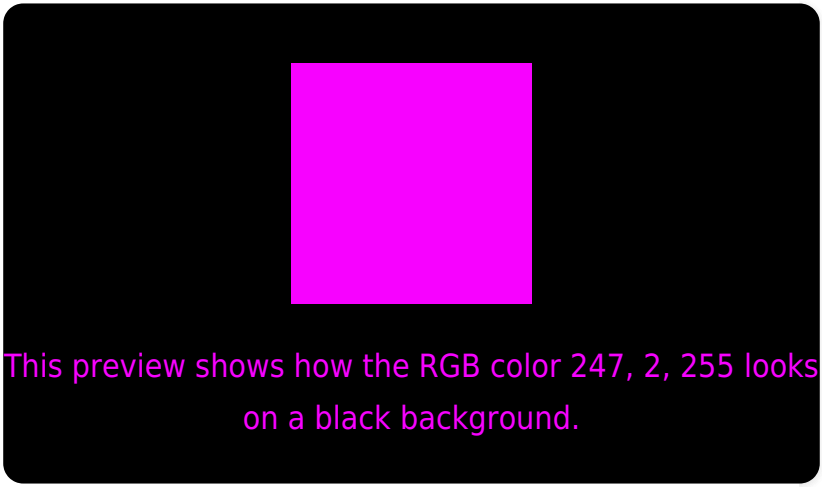


This preview shows how the RGB color 247, 2, 255 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



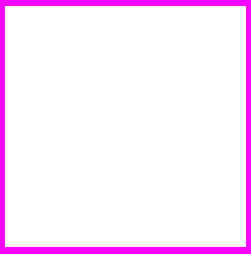
Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 247, 2, 255 Background

This preview shows how black text looks on a background with the RGB color 247, 2, 255.

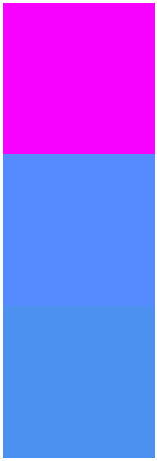


This preview shows how white text looks on a background with the RGB color 247, 2, 255.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



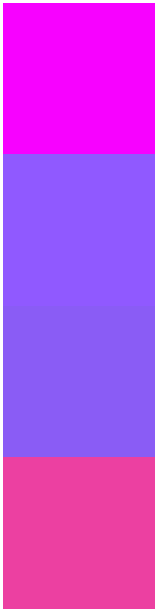
Original Color
247, 2, 255

Protanopia
85, 139, 255

Deuteranopia
76, 144, 240

Tritanopia
230, 100, 107

Trichromacy



Original Color
247, 2, 255

Protanomaly
144, 89, 255

Deuteranomaly
138, 92, 245

Tritanomaly
236, 64, 161

Monochromacy

Original Color
247, 2, 255

Achromatopsia
104, 104, 104

Achromatomaly
156, 67, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 2, 255 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(247, 2, 255) looks like.

```
.text, #text, p{
    color:rgb(247, 2, 255)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(247, 2, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 2, 255) }
```

Border

The CSS property to change the border of an element to RGB 247, 2, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 2, 255) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 2, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 2, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 2, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 2, 255); box-shadow:4px 4px 4px 4px rgb(247, 2, 255) }
```

Background

The CSS property to change the background color of an element to RGB 247, 2, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 2, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(247, 2,
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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