

Converting Colors

RGB(242, 10, 197)

Have a look what the booklet for
RGB(242, 10, 197) contains.

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Color

RGB(242, 10, 197)

Conversions

Conversions Part 1

Format	Color
Hex	F20AC5
RGB	242, 10, 197
RGB Percent	95%, 4%, 77%
CMY	0.0510, 0.9608, 0.2275
CMYK	0.00, 0.96, 0.19, 0.05
HSL	312°, 92%, 49%
HSV	312°, 96%, 95%
XYZ	46.8045, 23.1255, 54.8201
YIQ	100.6860, 78.2450, 107.3410

Conversions

Conversions Part 2

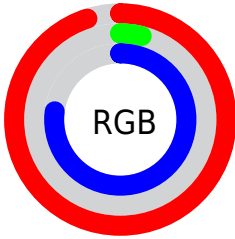
Format	Color
RYB	242, 10, 197
Decimal	15862469
CIELab	55.20, 87.94, -36.35
CIElCh	55, 95.152, 337.543
Yxy	23.1255, 0.3752, 0.1854
Android (android.graphics.Color)	4294052549 (0xFFFF20AC5)
YUV	100.6860, 47.4828, 123.9324
Hunter-Lab	48.0890, 89.5763, -33.9266

Details

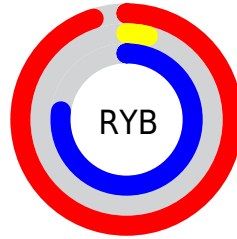
The RGB color **242, 10, 197** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **10, 242, 55**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **255, 102, 254**, and **181, 0, 143** is the 20% darker color. If you saturate the color by 10%, you get **242, 0, 195**, and if you desaturate by 10%, it is **242, 34, 202**.

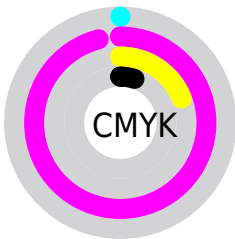
Distribution



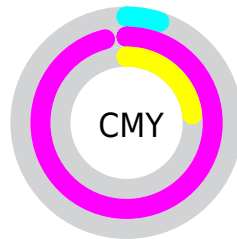
- Red (95%)
- Green (4%)
- Blue (77%)



- Red (95%)
- Yellow (4%)
- Blue (77%)



- Cyan (0%)
- Magenta (96%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (96%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 10, 197 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 242, 10, 197 by changing the saturation by 10% instead.



242, 10, 197



242, 10, 197

255, 255, 255



211, 0, 169



255, 102, 254



181, 0, 143



255, 134, 255



151, 0, 117



255, 165, 255



121, 0, 92



255, 195, 255



92, 0, 68



255, 226, 255



64, 0, 45



33, 0, 23



0, 0, 0



242, 10, 197



242, 10, 197

■ 242, 0, 195

■ 242, 34, 202

■ 242, 58, 206

■ 242, 83, 211

■ 242, 107, 216

■ 242, 131, 220

■ 242, 155, 225

■ 242, 179, 230

■ 242, 204, 235

■ 242, 228, 239

Harmonies

Analogous

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



152, 97, 255



242, 10, 197



255, 0, 116

Triad

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



242, 10, 197



143, 136, 0



0, 165, 232

Complementary

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



242, 10, 197



10, 242, 55

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, 165, 152



242, 10, 197



36, 153, 0

Square

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



242, 10, 197



209, 103, 0



0, 162, 63



0, 158, 255

Rectangle

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



242, 10, 197



255, 0, 62



0, 162, 63



0, 166, 207

Sweetspot

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



242, 10, 197



255, 181, 241



53, 10, 242



128, 83, 119



0, 0, 0



128, 128, 128

Same Dimension

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



242, 10, 197



255, 0, 206



242, 10, 83



120, 108, 118



184, 0, 148



56, 0, 45

Inverse Universe

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



242, 10, 197



255, 0, 206



10, 242, 169



120, 108, 118



184, 0, 148



56, 0, 45

Previews

White Background



This preview shows how the RGB color 242, 10, 197 looks on a white background.

Color Contrast Check

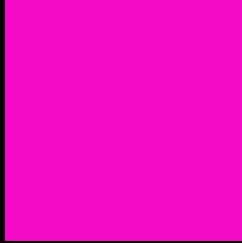
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 242, 10, 197 looks on a 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 242, 10, 197 Background



This preview shows how black text looks on a background with the RGB color 242, 10, 197.



This preview shows how white text looks on a background with the RGB color 242, 10, 197.

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
242, 10, 197

Protanopia
60, 129, 255

Deuteranopia
116, 131, 185



Tritanopia
232, 78, 82

Trichromacy



Original Color

242, 10, 197



Protanomaly

126, 86, 234



Deuteranomaly

162, 87, 189



Tritanomaly

236, 53, 124

Monochromacy



Original Color

242, 10, 197



Achromatopsia

101, 101, 101



Achromatomaly

152, 68, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 10, 197 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(242, 10, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 10, 197)  
}
```

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(242, 10, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 10, 197) }
```

Border

The CSS property to change the border of an element to RGB 242, 10, 197 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(242, 10, 197) }
```

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

```
.border{ border-color:rgb(242, 10, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 10, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 10, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 10, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 10,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 242, 10, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 10, 197) }
```

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

```
.background{ background-color: rgb(242, 10,  
197) }
```

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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