

Converting Colors

RGB(242, 19, 203)

Have a look what the booklet for
RGB(242, 19, 203) contains.

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Color

RGB(242, 19, 203)

Conversions

Conversions Part 1

Format	Color
Hex	F213CB
RGB	242, 19, 203
RGB Percent	95%, 7%, 80%
CMY	0.0510, 0.9255, 0.2039
CMYK	0.00, 0.92, 0.16, 0.05
HSL	310°, 90%, 51%
HSV	310°, 92%, 95%
XYZ	47.6303, 23.6548, 58.5553
YIQ	106.6530, 73.8440, 104.5000

Conversions

Conversions Part 2

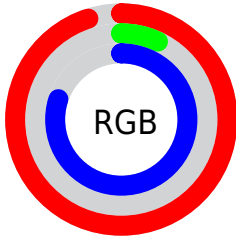
Format	Color
R _Y B	242, 19, 203
Decimal	15864779
CIE Lab	55.74, 87.92, -38.95
CIE LCh	56, 96.163, 336.105
Yxy	23.6548, 0.3668, 0.1822
Android (android.graphics.Color)	4294054859 (0xFFFF213CB)
YUV	106.6530, 47.4991, 118.6993
Hunter-Lab	48.6362, 89.6950, -37.3366

Details

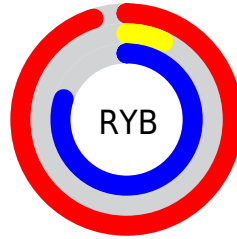
The RGB color **242, 19, 203** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **19, 242, 58**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **255, 104, 255**, and **181, 0, 148** is the 20% darker color. If you saturate the color by 10%, you get **242, 0, 200**, and if you desaturate by 10%, it is **242, 43, 207**.

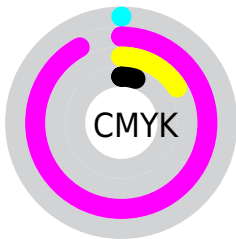
Distribution



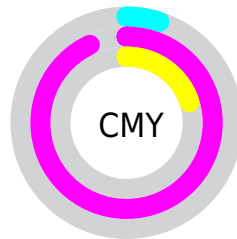
- Red (95%)
- Green (7%)
- Blue (80%)



- Red (95%)
- Yellow (7%)
- Blue (80%)



- Cyan (0%)
- Magenta (92%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (93%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 19, 203 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, 19, 203 by changing the saturation by 10% instead.


 242, 19, 203

 242, 19, 203

255, 255, 255

 211, 0, 175

 255, 104, 255

 181, 0, 148

 255, 136, 255

 151, 0, 122

 255, 167, 255

 121, 0, 97

 255, 197, 255

 92, 0, 72

 255, 228, 255

 64, 0, 49

 34, 0, 27

 0, 0, 0

 242, 19, 203

 242, 19, 203

■ 242, 0, 200

■ 242, 43, 207

■ 242, 67, 211

■ 242, 92, 216

■ 242, 116, 220

■ 242, 140, 224

■ 242, 164, 228

■ 242, 188, 233

■ 242, 213, 237

■ 242, 237, 241

Harmonies

Analogous

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



146, 101, 255



242, 19, 203



255, 0, 121

Triad

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



242, 19, 203



148, 136, 0



0, 167, 231

Complementary

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



242, 19, 203



19, 242, 58

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, 167, 149



242, 19, 203



45, 155, 0

Square

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



242, 19, 203



214, 102, 0



0, 163, 59



0, 160, 255

Rectangle

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



242, 19, 203



255, 0, 67



0, 163, 59



0, 167, 206

Sweetspot

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



242, 19, 203



255, 184, 243



56, 19, 242



128, 84, 120



0, 0, 0



128, 128, 128

Same Dimension

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



242, 19, 203



255, 0, 210



242, 19, 93



120, 108, 118



184, 0, 151



56, 0, 46

Inverse Universe

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



242, 19, 203



255, 0, 210



19, 242, 168



120, 108, 118



184, 0, 151



56, 0, 46

Previews

White Background



This preview shows how the RGB color 242, 19, 203 looks on a white background.

Color Contrast Check

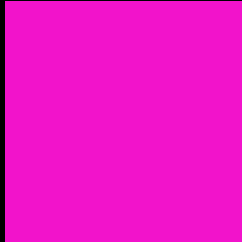
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

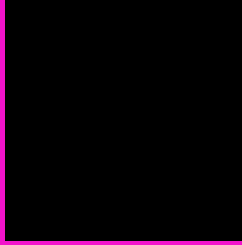
Any Text WCAG AA ✓ Pass

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, 19, 203 Background



This preview shows how black text looks on a background with the RGB color 242, 19, 203.

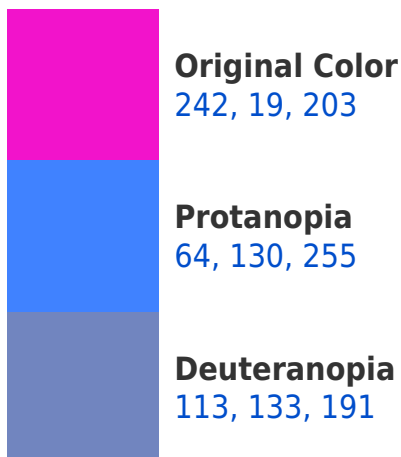


This preview shows how white text looks on a background with the RGB color 242, 19, 203.

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





Tritanopia
232, 81, 86

Trichromacy



Original Color

242, 19, 203



Protanomaly

129, 90, 236



Deuteranomaly

160, 92, 195



Tritanomaly

236, 58, 129

Monochromacy



Original Color

242, 19, 203



Achromatopsia

107, 107, 107



Achromatomaly

156, 75, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 19, 203 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, 19, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 19, 203)  
}
```

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, 19, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 19, 203) }
```

Border

The CSS property to change the border of an element to RGB 242, 19, 203 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, 19, 203) }
```

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

```
.border{ border-color:rgb(242, 19, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 19, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 19, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 19, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 19,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 242, 19, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 19, 203) }
```

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

```
.background{ background-color: rgb(242, 19,  
203) }
```

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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