

Converting Colors

RGB(194, 12, 243)

Have a look what the booklet for
RGB(194, 12, 243) contains.

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Color

RGB(194, 12, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C20CF3
RGB	194, 12, 243
RGB Percent	76%, 5%, 95%
CMY	0.2392, 0.9529, 0.0471
CMYK	0.20, 0.95, 0.00, 0.05
HSL	287°, 91%, 50%
HSV	287°, 95%, 95%
XYZ	38.5573, 18.2033, 86.2754
YIQ	92.7520, 34.3210, 110.4250

Conversions

Conversions Part 2

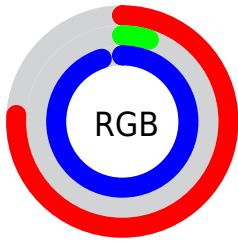
Format	Color
RYB	194, 12, 243
Decimal	12717299
CIELab	49.74, 86.76, -71.72
CIELCh	50, 112.571, 320.421
Yxy	18.2033, 0.2696, 0.1273
Android (android.graphics.Color)	4290907379 (0xFFC20CF3)
YUV	92.7520, 74.0723, 88.7945
Hunter-Lab	42.6654, 86.6484, -90.0270

Details

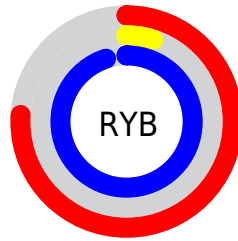
The RGB color **194, 12, 243** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **61, 243, 12**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **255, 96, 255**, and **134, 0, 186** is the 20% darker color. If you saturate the color by 10%, you get **191, 0, 243**, and if you desaturate by 10%, it is **199, 36, 243**.

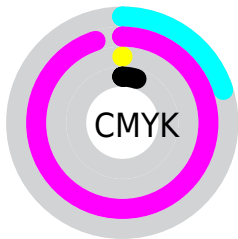
Distribution



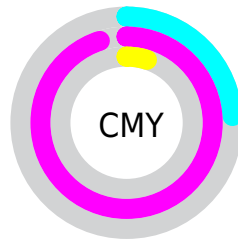
- Red (76%)
- Green (5%)
- Blue (95%)



- Red (76%)
- Yellow (5%)
- Blue (95%)



- Cyan (20%)
- Magenta (95%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (95%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 12, 243 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 194, 12, 243 by changing the saturation by 10% instead.

 194, 12, 243

255, 255, 255

 255, 96, 255


 255, 127, 255

 255, 157, 255

 255, 187, 255

 255, 217, 255

 255, 247, 255

 194, 12, 243

 164, 0, 214

 134, 0, 186

 104, 0, 158

 73, 0, 131


 44, 0, 105

 0, 0, 79

 0, 5, 55

 0, 2, 33


 0, 0, 6

 194, 12, 243

 194, 12, 243


 191, 0, 243

 199, 36, 243


 204, 61, 243

 209, 85, 243

 215, 109, 243

 220, 133, 243

 225, 158, 243

 230, 182, 243

 235, 206, 243

 240, 231, 243

Harmonies

Analogous

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



0, 109, 255



194, 12, 243



255, 0, 153

Triad

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



194, 12, 243



170, 104, 0



0, 153, 184

Complementary

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



194, 12, 243



61, 243, 12

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, 151, 83



194, 12, 243



79, 133, 0

Square

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



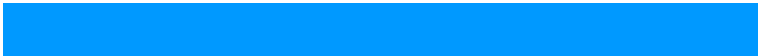
194, 12, 243



234, 28, 0



0, 146, 0



0, 153, 255

Rectangle

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



194, 12, 243



255, 0, 91



0, 146, 0



0, 153, 151

Sweetspot

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



194, 12, 243



239, 181, 255



12, 62, 243



118, 83, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 12, 243



201, 0, 255



243, 12, 178



120, 110, 122



147, 0, 186



46, 0, 59

Inverse Universe

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



243, 12, 61



255, 0, 54



12, 243, 77



122, 110, 113



186, 0, 39



59, 0, 12

Previews

White Background



This preview shows how the RGB color 194, 12, 243 looks on a white background.

Color Contrast Check

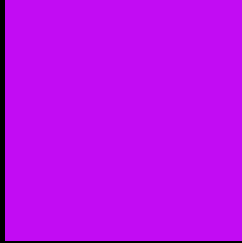
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 194, 12, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

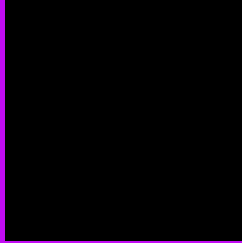
Any Text WCAG AA ✓ Pass

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 194, 12, 243 Background



This preview shows how black text looks on a background with the RGB color 194, 12, 243.



This preview shows how white text looks on a background with the RGB color 194, 12, 243.

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

194, 12, 243

Protanopia

0, 115, 243

Deuteranopia

0, 122, 213



Tritanopia
174, 96, 102

Trichromacy



Original Color

194, 12, 243



Protanomaly

71, 78, 243



Deuteranomaly

71, 82, 224



Tritanomaly

181, 65, 153

Monochromacy



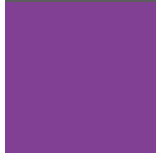
Original Color

194, 12, 243



Achromatopsia

93, 93, 93



Achromatomaly

130, 64, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 12, 243 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(194, 12, 243)` looks like.

```
.text, #text, p{  
    color:rgb(194, 12, 243)  
}
```

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(194, 12, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 12, 243) }
```

Border

The CSS property to change the border of an element to RGB 194, 12, 243 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(194, 12, 243) }
```

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

```
.border{ border-color:rgb(194, 12, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 12, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 12, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 12, 243);  
box-shadow:4px 4px 4px 4px rgb(194, 12,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 194, 12, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 12, 243) }
```

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

```
.background{ background-color: rgb(194, 12,  
243) }
```

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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