

Converting Colors

RGB(200, 16, 235)

Have a look what the booklet for
RGB(200, 16, 235) contains.

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Color

RGB(200, 16, 235)

Conversions

Conversions Part 1

Format	Color
Hex	C810EB
RGB	200, 16, 235
RGB Percent	78%, 6%, 92%
CMY	0.2157, 0.9373, 0.0784
CMYK	0.15, 0.93, 0.00, 0.08
HSL	290°, 87%, 49%
HSV	290°, 93%, 92%
XYZ	39.0001, 18.6481, 80.1412
YIQ	95.9820, 39.3650, 107.1170

Conversions

Conversions Part 2

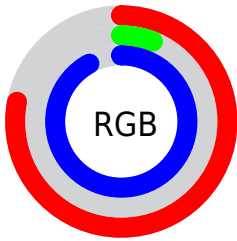
Format	Color
R _Y B	200, 16, 235
Decimal	13111531
CIE Lab	50.27, 85.89, -66.31
CIE LCh	50, 108.508, 322.328
Yxy	18.6481, 0.2830, 0.1353
Android (android.graphics.Color)	4291301611 (0xFFC810EB)
YUV	95.9820, 68.5359, 91.2238
Hunter-Lab	43.1834, 85.6370, -79.8038

Details

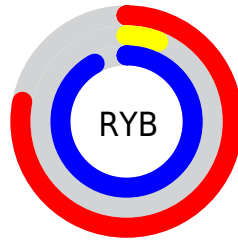
The RGB color **200, 16, 235** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **51, 235, 16**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **255, 98, 255**, and **140, 0, 178** is the 20% darker color. If you saturate the color by 10%, you get **197, 0, 235**, and if you desaturate by 10%, it is **204, 40, 235**.

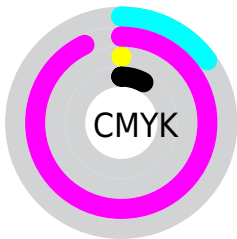
Distribution



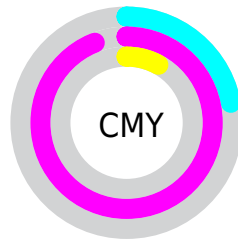
- Red (78%)
- Green (6%)
- Blue (92%)



- Red (78%)
- Yellow (6%)
- Blue (92%)



- Cyan (15%)
- Magenta (93%)
- Yellow (0%)
- Black (8%)





















- Cyan (22%)
- Magenta (94%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 16, 235 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 200, 16, 235 by changing the saturation by 10% instead.

 200, 16, 235	 200, 16, 235
 255, 255, 255	 170, 0, 206
 255, 98, 255	 140, 0, 178
 255, 128, 255	 111, 0, 151
 255, 159, 255	 81, 0, 124
 255, 188, 255	 53, 0, 98
 255, 219, 255	 14, 0, 73
 255, 249, 255	 0, 3, 49
	 0, 1, 27
	 0, 0, 0

■ 200, 16, 235

■ 200, 16, 235

■ 197, 0, 235

■ 204, 40, 235

■ 208, 63, 235

■ 211, 87, 235

■ 215, 110, 235

■ 219, 134, 235

■ 223, 157, 235

■ 226, 181, 235

■ 230, 204, 235

■ 234, 227, 235

Harmonies

Analogous

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



0, 107, 255



200, 16, 235



255, 0, 148

Triad

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



200, 16, 235



166, 108, 0



0, 154, 188

Complementary

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



200, 16, 235



51, 235, 16

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, 152, 92



200, 16, 235



76, 135, 0

Square

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



200, 16, 235



230, 47, 0



0, 147, 0



0, 153, 255

Rectangle

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



200, 16, 235



255, 0, 87



0, 147, 0



0, 154, 157

Sweetspot

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



200, 16, 235



244, 184, 255



16, 53, 235



121, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 16, 235



214, 0, 255



235, 16, 162



115, 106, 117



152, 0, 181



45, 0, 54

Inverse Universe

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



235, 16, 51



255, 0, 41



16, 235, 89



117, 106, 107



181, 0, 29



54, 0, 9

Previews

White Background



This preview shows how the RGB color 200, 16, 235 looks on a white background.

Color Contrast Check

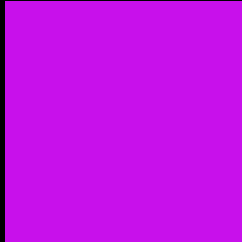
Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 16, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

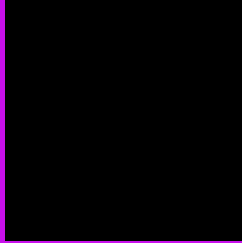
Any Text WCAG AA ✓ Pass

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 200, 16, 235 Background



This preview shows how black text looks on a background with the RGB color 200, 16, 235.



This preview shows how white text looks on a background with the RGB color 200, 16, 235.

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

200, 16, 235

Protanopia

0, 116, 245

Deuteranopia

0, 123, 217



Tritanopia
182, 93, 99

Trichromacy



Original Color

200, 16, 235



Protanomaly

73, 80, 241



Deuteranomaly

73, 84, 224



Tritanomaly

189, 65, 148

Monochromacy



Original Color

200, 16, 235



Achromatopsia

96, 96, 96



Achromatomaly

134, 67, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 16, 235 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(200, 16, 235)` looks like.

```
.text, #text, p{  
    color:rgb(200, 16, 235)  
}
```

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(200, 16, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 16, 235) }
```

Border

The CSS property to change the border of an element to RGB 200, 16, 235 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(200, 16, 235) }
```

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

```
.border{ border-color:rgb(200, 16, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 16, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 16, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 16, 235);  
box-shadow:4px 4px 4px 4px rgb(200, 16,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 200, 16, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 16, 235) }
```

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

```
.background{ background-color: rgb(200, 16,  
235) }
```

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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