

Converting Colors

RGB(203, 27, 237)

Have a look what the booklet for
RGB(203, 27, 237) contains.

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Color

RGB(203, 27, 237)

Conversions

Conversions Part 1

Format	Color
Hex	CB1BED
RGB	203, 27, 237
RGB Percent	80%, 11%, 93%
CMY	0.2039, 0.8941, 0.0706
CMYK	0.14, 0.89, 0.00, 0.07
HSL	290°, 85%, 52%
HSV	290°, 89%, 93%
XYZ	40.3066, 19.5948, 81.7785
YIQ	103.5640, 37.4860, 102.6220

Conversions

Conversions Part 2

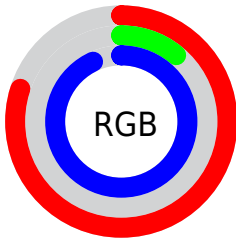
Format	Color
RYB	203, 27, 237
Decimal	13310957
CIELab	51.38, 85.24, -65.63
CIElCh	51, 107.577, 322.403
Yxy	19.5948, 0.2845, 0.1383
Android (android.graphics.Color)	4291501037 (0xFFFCB1BED)
YUV	103.5640, 65.7839, 87.2054
Hunter-Lab	44.2660, 85.0684, -78.5482

Details

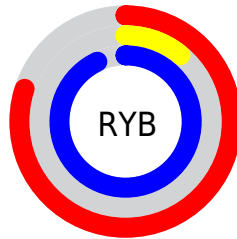
The RGB color **203, 27, 237** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **61, 237, 27**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **255, 102, 255**, and **143, 0, 180** is the 20% darker color. If you saturate the color by 10%, you get **199, 3, 237**, and if you desaturate by 10%, it is **207, 51, 237**.

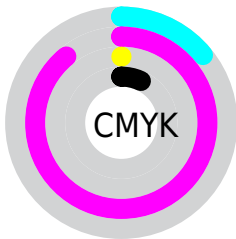
Distribution



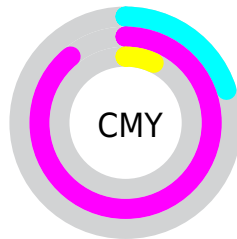
- Red (80%)
- Green (11%)
- Blue (93%)



- Red (80%)
- Yellow (11%)
- Blue (93%)



- Cyan (14%)
- Magenta (89%)
- Yellow (0%)
- Black (7%)





















- Cyan (20%)
- Magenta (89%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 27, 237 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 203, 27, 237 by changing the saturation by 10% instead.

 203, 27, 237	 203, 27, 237
 255, 255, 255	 173, 0, 208
 255, 102, 255	 143, 0, 180
 255, 133, 255	 114, 0, 152
 255, 163, 255	 84, 0, 126
 255, 192, 255	 56, 0, 100
 255, 223, 255	 20, 0, 75
 255, 253, 255	 0, 0, 51
	 0, 2, 29
	 0, 0, 0

■ 203, 27, 237

■ 203, 27, 237

■ 199, 3, 237

■ 207, 51, 237

■ 199, 0, 237

■ 211, 74, 237

■ 215, 98, 237

■ 218, 122, 237

■ 222, 145, 237

■ 226, 169, 237

■ 230, 193, 237

■ 234, 217, 237

■ 238, 240, 237

Harmonies

Analogous

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



0, 110, 255



203, 27, 237



255, 0, 150

Triad

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



203, 27, 237



169, 111, 0



0, 157, 191

Complementary

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



203, 27, 237



61, 237, 27

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, 155, 95



203, 27, 237



80, 138, 0

Square

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



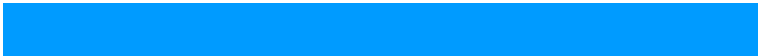
203, 27, 237



232, 53, 0



0, 150, 0



0, 155, 255

Rectangle

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



203, 27, 237



255, 0, 90



0, 150, 0



0, 157, 160

Sweetspot

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



203, 27, 237



244, 186, 255



27, 62, 237



121, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 27, 237



214, 0, 255



237, 27, 167



115, 106, 117



152, 0, 181



45, 0, 54

Inverse Universe

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



237, 27, 61



255, 0, 41



27, 237, 97



117, 106, 107



181, 0, 29



54, 0, 9

Previews

White Background



This preview shows how the RGB color 203, 27, 237 looks on a white background.

Color Contrast Check

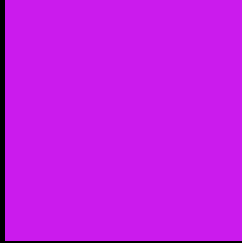
Large Text (above 18pt) WCAG AA ✓ Pass

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 203, 27, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

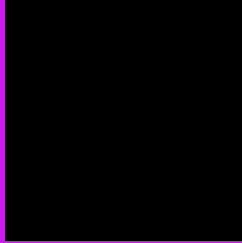
Any Text WCAG AA ✓ Pass

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 203, 27, 237 Background



This preview shows how black text looks on a background with the RGB color 203, 27, 237.



This preview shows how white text looks on a background with the RGB color 203, 27, 237.

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
203, 27, 237

Protanopia
0, 119, 251

Deuteranopia
0, 125, 222



Tritanopia
185, 95, 102

Trichromacy



Original Color

203, 27, 237



Protanomaly

74, 86, 246



Deuteranomaly

74, 89, 227



Tritanomaly

192, 70, 151

Monochromacy



Original Color

203, 27, 237



Achromatopsia

104, 104, 104



Achromatomaly

140, 76, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 27, 237 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(203, 27, 237) looks like.

```
.text, #text, p{  
  color:rgb(203, 27, 237)  
}
```

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(203, 27, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 27, 237) }
```

Border

The CSS property to change the border of an element to RGB 203, 27, 237 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(203, 27, 237) }
```

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

```
.border{ border-color:rgb(203, 27, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 27, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 27, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 27, 237); box-shadow:4px 4px 4px 4px rgb(203, 27, 237) }
```

Background

The CSS property to change the background color of an element to RGB 203, 27, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 27, 237) }
```

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

```
.background{ background-color: rgb(203, 27,  
237) }
```

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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