

Converting Colors

RGB(207, 50, 227)

Have a look what the booklet for
RGB(207, 50, 227) contains.

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Color

RGB(207, 50, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CF32E3
RGB	207, 50, 227
RGB Percent	81%, 20%, 89%
CMY	0.1882, 0.8039, 0.1098
CMYK	0.09, 0.78, 0.00, 0.11
HSL	293°, 76%, 54%
HSV	293°, 78%, 89%
XYZ	40.7379, 21.0927, 74.5972
YIQ	117.1210, 36.7550, 88.3310

Conversions

Conversions Part 2

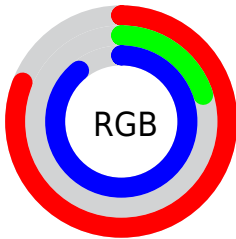
Format	Color
RYB	207, 50, 227
Decimal	13578979
CIELab	53.05, 79.35, -57.26
CIELCh	53, 97.854, 324.186
Yxy	21.0927, 0.2986, 0.1546
Android (android.graphics.Color)	4291769059 (0xFFCF32E3)
YUV	117.1210, 54.1703, 78.8239
Hunter-Lab	45.9267, 77.9610, -64.1540

Details

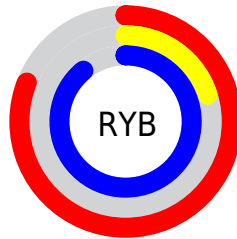
The RGB color **207, 50, 227** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **70, 227, 50**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **255, 114, 255**, and **148, 0, 171** is the 20% darker color. If you saturate the color by 10%, you get **204, 27, 227**, and if you desaturate by 10%, it is **210, 73, 227**.

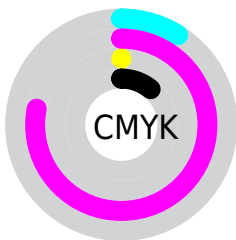
Distribution



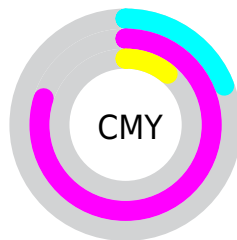
- Red (81%)
- Green (20%)
- Blue (89%)



- Red (81%)
- Yellow (20%)
- Blue (89%)



- Cyan (9%)
- Magenta (78%)
- Yellow (0%)
- Black (11%)




















- Cyan (19%)
- Magenta (80%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 50, 227 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 207, 50, 227 by changing the saturation by 10% instead.


 207, 50, 227	 207, 50, 227
 255, 255, 255	 177, 0, 198
 255, 114, 255	 148, 0, 171
 255, 144, 255	 119, 0, 144
 255, 173, 255	 90, 0, 117
 255, 203, 255	 62, 0, 92
 255, 233, 255	 32, 0, 67
	 0, 0, 44
	 0, 1, 22
	 0, 0, 0

 207, 50, 227


 207, 50, 227


 204, 27, 227


 210, 73, 227


 202, 5, 227


 212, 95, 227

 201, 0, 227

 215, 118, 227

 217, 141, 227

 220, 163, 227

 222, 186, 227

 225, 209, 227

 228, 232, 227

 230, 254, 227

Harmonies

Analogous

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



28, 112, 255



207, 50, 227



255, 0, 147

Triad

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



207, 50, 227



168, 118, 0



0, 160, 194

Complementary

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



207, 50, 227



70, 227, 50

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, 158, 107



207, 50, 227



87, 142, 0

Square

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



207, 50, 227



228, 73, 0



0, 153, 0



0, 157, 255

Rectangle

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



207, 50, 227



255, 0, 92



0, 153, 0



0, 160, 166

Sweetspot

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



207, 50, 227



248, 196, 255



50, 71, 227



123, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 50, 227



228, 15, 255



227, 50, 159



113, 103, 115



158, 0, 179



45, 0, 51

Inverse Universe

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



227, 50, 70



255, 15, 42



50, 227, 118



115, 103, 105



179, 0, 20



51, 0, 6

Previews

White Background



This preview shows how the RGB color 207, 50, 227 looks on a white background.

Color Contrast Check

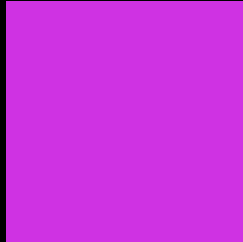
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 50, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

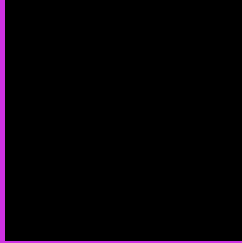
Any Text WCAG AA ✓ Pass

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 207, 50, 227 Background



This preview shows how black text looks on a background with the RGB color 207, 50, 227.



This preview shows how white text looks on a background with the RGB color 207, 50, 227.

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
207, 50, 227

Protanopia
32, 123, 255

Deuteranopia
64, 128, 215



Tritanopia
192, 98, 105

Trichromacy



Original Color

207, 50, 227



Protanomaly

96, 96, 245



Deuteranomaly

116, 100, 219



Tritanomaly

197, 81, 149

Monochromacy



Original Color

207, 50, 227



Achromatopsia

117, 117, 117



Achromatomaly

150, 93, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 50, 227 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(207, 50, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 50, 227)  
}
```

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(207, 50, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 50, 227) }
```

Border

The CSS property to change the border of an element to RGB 207, 50, 227 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(207, 50, 227) }
```

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

```
.border{ border-color:rgb(207, 50, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 50, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 50, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 50, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 50,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 207, 50, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 50, 227) }
```

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

```
.background{ background-color: rgb(207, 50,  
227) }
```

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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