

Converting Colors

RGB(197, 60, 232)

Have a look what the booklet for
RGB(197, 60, 232) contains.

RGB(197, 60, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(197, 60, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C53CE8
RGB	197, 60, 232
RGB Percent	77%, 24%, 91%
CMY	0.2275, 0.7647, 0.0902
CMYK	0.15, 0.74, 0.00, 0.09
HSL	288°, 79%, 57%
HSV	288°, 74%, 91%
XYZ	39.2073, 20.9282, 78.3170
YIQ	120.5710, 26.4400, 82.5360

Conversions

Conversions Part 2

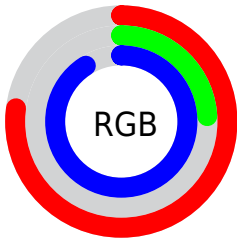
Format	Color
R_{YB}	197, 60, 232
Decimal	12926184
CIE _{Lab}	52.87, 75.35, -60.45
CIE _{LCh}	53, 96.600, 321.258
Yxy	20.9282, 0.2832, 0.1512
Android (android.graphics.Color)	4291116264 (0xFFC53CE8)
YUV	120.5710, 54.9345, 67.0282
Hunter-Lab	45.7474, 72.9236, -69.4781

Details

The RGB color **197, 60, 232** 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 **95, 232, 60**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 120, 255**, and **138, 0, 175** is the 20% darker color. If you saturate the color by 10%, you get **192, 37, 232**, and if you desaturate by 10%, it is **202, 83, 232**.

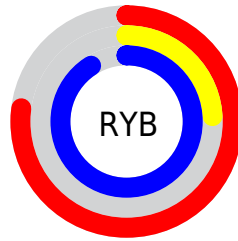
Distribution



Red (77%)

Green (24%)

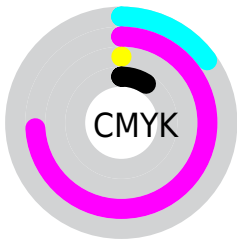
Blue (91%)



Red (77%)

Yellow (24%)

Blue (91%)

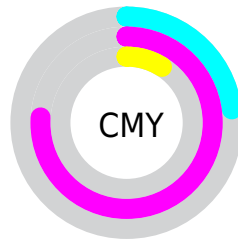


Cyan (15%)

Magenta (74%)

Yellow (0%)

Black (9%)



Cyan (23%)


















Magenta (76%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 197, 60, 232 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 197, 60, 232 by changing the saturation by 10% instead.


 197, 60, 232	 197, 60, 232
 255, 255, 255	 168, 19, 203
 255, 120, 255	 138, 0, 175
 255, 149, 255	 110, 0, 148
 255, 178, 255	 81, 0, 122
 255, 208, 255	 53, 0, 96
 255, 237, 255	 19, 0, 71
	 0, 3, 47
	 0, 1, 26
	 0, 0, 0

 197, 60, 232

 197, 60, 232


 192, 37, 232


 202, 83, 232


 188, 14, 232

 206, 106, 232

 185, 0, 232

 211, 130, 232

 216, 153, 232

 221, 176, 232

 225, 199, 232

 230, 222, 232

 235, 246, 232

 239, 255, 232

Harmonies

Analogous

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



0, 116, 255



197, 60, 232



255, 0, 154

Triad

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



197, 60, 232



174, 114, 0



0, 159, 185

Complementary

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



197, 60, 232



95, 232, 60

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, 157, 98



197, 60, 232



97, 140, 0

Square

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



197, 60, 232



231, 67, 0



0, 152, 0



0, 157, 255

Rectangle

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



197, 60, 232



255, 0, 99



0, 152, 0



0, 159, 157

Sweetspot

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



197, 60, 232



244, 199, 255



60, 97, 232



121, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 60, 232



209, 28, 255



232, 60, 183



112, 103, 115



142, 0, 179



41, 0, 51

Inverse Universe

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



232, 60, 95



255, 28, 74



60, 232, 109



115, 103, 106



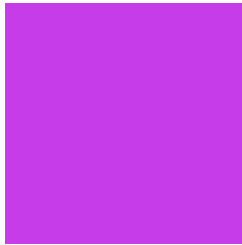
179, 0, 36



51, 0, 10

Previews

White Background



This preview shows how the RGB color 197, 60, 232 looks on a white background.

Color Contrast Check

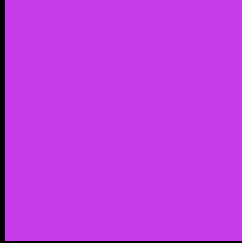
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 60, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

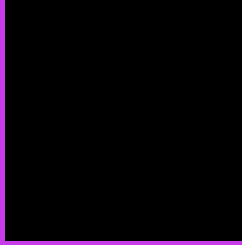
Any Text WCAG AA ✓ Pass

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 197, 60, 232 Background



This preview shows how black text looks on a background with the RGB color 197, 60, 232.

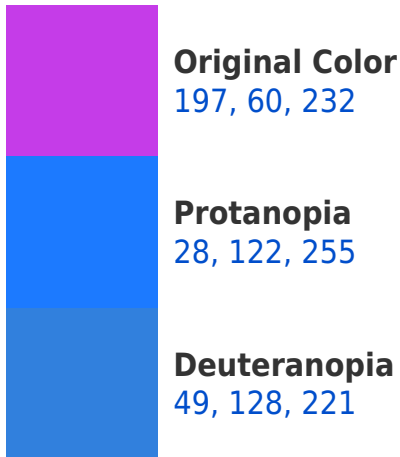



This preview shows how white text looks on a background with the RGB color 197, 60, 232.

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
180, 104, 111

Trichromacy



Original Color

197, 60, 232



Protanomaly

89, 99, 247



Deuteranomaly

103, 103, 225



Tritanomaly

186, 88, 155

Monochromacy



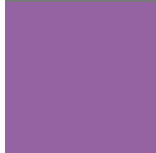
Original Color

197, 60, 232



Achromatopsia

121, 121, 121



Achromatomaly

149, 99, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 60, 232 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(197, 60, 232)` looks like.

```
.text, #text, p{  
    color:rgb(197, 60, 232)  
}
```

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(197, 60, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 60, 232) }
```

Border

The CSS property to change the border of an element to RGB 197, 60, 232 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(197, 60, 232) }
```

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

```
.border{ border-color:rgb(197, 60, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 60, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 60, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 60, 232);  
box-shadow:4px 4px 4px 4px rgb(197, 60,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 197, 60, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 60, 232) }
```

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

```
.background{ background-color: rgb(197, 60,  
232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor