

Converting Colors

RGB(178, 83, 215)

Have a look what the booklet for
RGB(178, 83, 215) contains.

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Color

RGB(178, 83, 215)

Conversions

Conversions Part 1

Format	Color
Hex	B253D7
RGB	178, 83, 215
RGB Percent	70%, 33%, 84%
CMY	0.3020, 0.6745, 0.1569
CMYK	0.17, 0.61, 0.00, 0.16
HSL	283°, 62%, 58%
HSV	283°, 61%, 84%
XYZ	33.7191, 20.5578, 66.4808
YIQ	126.4530, 14.2480, 61.1920

Conversions

Conversions Part 2

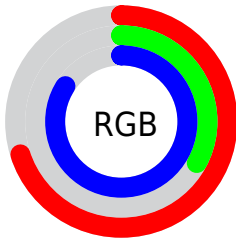
Format	Color
R _Y B	178, 83, 215
Decimal	11686871
CIE Lab	52.46, 58.86, -51.63
CIE LCh	52, 78.298, 318.742
Yxy	20.5578, 0.2792, 0.1702
Android (android.graphics.Color)	4289876951 (0xFFB253D7)
YUV	126.4530, 43.6537, 45.2067
Hunter-Lab	45.3407, 53.4012, -55.1955

Details

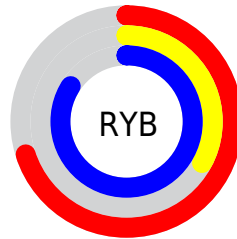
The RGB color **178, 83, 215** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **120, 215, 83**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **236, 137, 255**, and **122, 24, 159** is the 20% darker color. If you saturate the color by 10%, you get **172, 62, 215**, and if you desaturate by 10%, it is **184, 105, 215**.

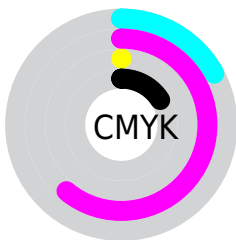
Distribution



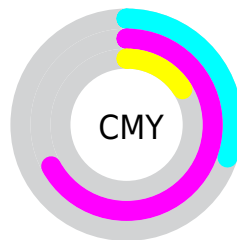
- Red (70%)
- Green (33%)
- Blue (84%)



- Red (70%)
- Yellow (33%)
- Blue (84%)



- Cyan (17%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 83, 215 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 178, 83, 215 by changing the saturation by 10% instead.



178, 83, 215



178, 83, 215

255, 255, 255



150, 55, 187



236, 137, 255



122, 24, 159



255, 165, 255



94, 0, 133



255, 193, 255



67, 0, 107



255, 222, 255



41, 0, 82



255, 252, 255



4, 0, 58



0, 2, 35



0, 0, 10



0, 0, 0

■ 178, 83, 215

■ 178, 83, 215

■ 172, 62, 215

■ 184, 105, 215

■ 166, 40, 215

■ 190, 126, 215

■ 160, 19, 215

■ 196, 148, 215

■ 155, 0, 215

■ 202, 169, 215

■ 208, 191, 215

■ 214, 212, 215

■ 220, 234, 215

■ 226, 255, 215

■ 232, 255, 215

Harmonies

Analogous

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



28, 119, 254



178, 83, 215



230, 39, 153

Triad

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



178, 83, 215



173, 113, 0



0, 154, 167

Complementary

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



178, 83, 215



120, 215, 83

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, 97



178, 83, 215



112, 135, 0

Square

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



178, 83, 215



217, 80, 17



0, 147, 17



0, 151, 226

Rectangle

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



178, 83, 215



241, 28, 109

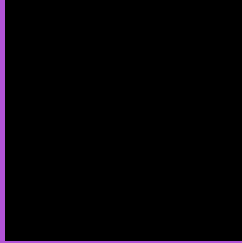


0, 147, 17



0, 154, 144

RGB 178, 83, 215 Background



This preview shows how black text looks on a background with the RGB color 178, 83, 215.

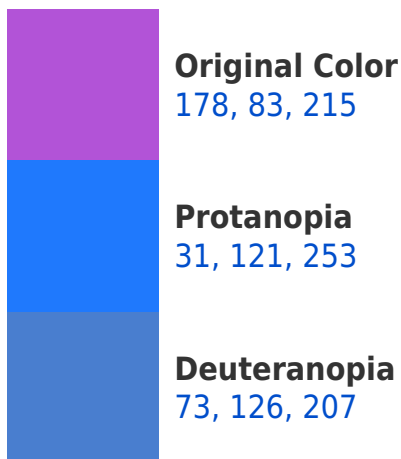



This preview shows how white text looks on a background with the RGB color 178, 83, 215.

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
164, 111, 119

Trichromacy



Original Color

178, 83, 215



Protanomaly

84, 107, 239



Deuteranomaly

111, 110, 210



Tritanomaly

169, 101, 154

Monochromacy



Original Color

178, 83, 215



Achromatopsia

126, 126, 126



Achromatomaly

145, 110, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 83, 215 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(178, 83, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 83, 215)  
}
```

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(178, 83, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 83, 215) }
```

Border

The CSS property to change the border of an element to RGB 178, 83, 215 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(178, 83, 215) }
```

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

```
.border{ border-color:rgb(178, 83, 215) }
```

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

Here you see how a box with a 4 pixel rgb(178, 83, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 83, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 83, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 83,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 178, 83, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 83, 215) }
```

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

```
.background{ background-color: rgb(178, 83,  
215) }
```

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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