

Converting Colors

RGB(175, 128, 207)

Have a look what the booklet for
RGB(175, 128, 207) contains.

RGB(175, 128, 207)	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(175, 128, 207)

Conversions

Conversions Part 1

Format	Color
Hex	AF80CF
RGB	175, 128, 207
RGB Percent	69%, 50%, 81%
CMY	0.3137, 0.4980, 0.1882
CMYK	0.15, 0.38, 0.00, 0.19
HSL	276°, 45%, 66%
HSV	276°, 38%, 81%
XYZ	36.6609, 29.0573, 62.7079
YIQ	151.0590, 2.6530, 34.5330

Conversions

Conversions Part 2

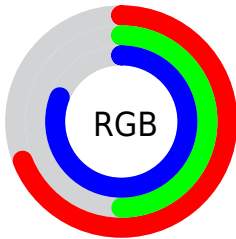
Format	Color
R_{YB}	175, 128, 207
Decimal	11501775
CIE _{Lab}	60.83, 32.79, -33.93
CIE _{LCh}	61, 47.185, 314.022
Yxy	29.0573, 0.2855, 0.2263
Android (android.graphics.Color)	4289691855 (0xFFAF80CF)
YUV	151.0590, 27.5789, 20.9963
Hunter-Lab	53.9048, 27.0650, -31.2391

Details

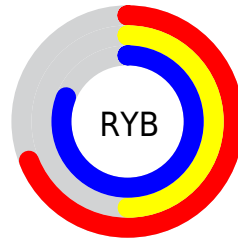
The RGB color **175, 128, 207** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **160, 207, 128**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **232, 181, 255**, and **121, 78, 152** is the 20% darker color. If you saturate the color by 10%, you get **167, 107, 207**, and if you desaturate by 10%, it is **183, 149, 207**.

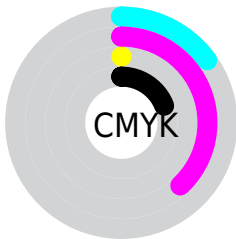
Distribution



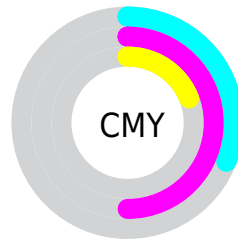
- Red (69%)
- Green (50%)
- Blue (81%)



- Red (69%)
- Yellow (50%)
- Blue (81%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 128, 207 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 175, 128, 207 by changing the saturation by 10% instead.

 175, 128, 207

255, 255, 255


 232, 181, 255

 255, 209, 255

 255, 238, 255

 175, 128, 207

 148, 102, 179

 121, 78, 152

 95, 54, 126

 70, 31, 101

 45, 7, 76

 26, 0, 53

 0, 2, 31

 0, 0, 2

 0, 0, 0

■ 175, 128, 207

■ 175, 128, 207

■ 167, 107, 207

■ 183, 149, 207

■ 158, 87, 207

■ 192, 169, 207

■ 150, 66, 207

■ 200, 190, 207

■ 141, 45, 207

■ 209, 211, 207

■ 133, 24, 207

■ 217, 232, 207

■ 125, 4, 207

■ 225, 252, 207

■ 123, 0, 207

■ 234, 255, 207

■ 242, 255, 207

■ 250, 255, 207

Harmonies

Analogous

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



111, 144, 228



175, 128, 207



212, 114, 171

Triad

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



175, 128, 207



190, 137, 65



0, 168, 166

Complementary

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



175, 128, 207



160, 207, 128

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.



30, 166, 122



175, 128, 207



152, 151, 62

Square

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



175, 128, 207



216, 121, 91



106, 161, 84



0, 165, 204

Rectangle

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



175, 128, 207



223, 111, 143



106, 161, 84



0, 168, 151

Sweetspot

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



175, 128, 207



244, 227, 255



128, 161, 207



121, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 128, 207



207, 138, 255



207, 128, 200



100, 94, 105



100, 0, 168



24, 0, 41

Inverse Universe

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



207, 128, 160



255, 138, 185



128, 207, 135



105, 94, 98



168, 0, 68



41, 0, 17

Previews

White Background



This preview shows how the RGB color 175, 128, 207 looks on a white background.

Color Contrast Check

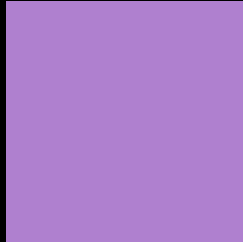
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 128, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

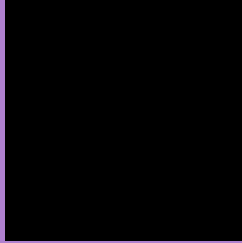
Any Text WCAG AA ✓ Pass

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 175, 128, 207 Background



This preview shows how black text looks on a background with the RGB color 175, 128, 207.

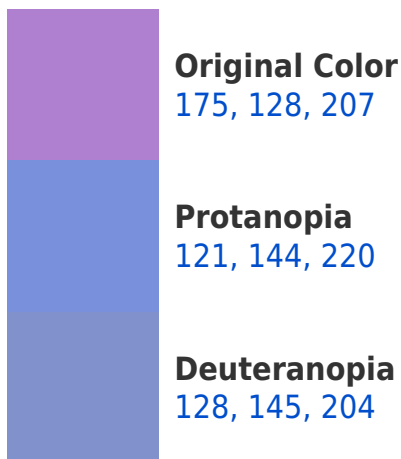


This preview shows how white text looks on a background with the RGB color 175, 128, 207.

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
166, 140, 151

Trichromacy



Original Color
175, 128, 207

Protanomaly
141, 138, 215

Deuteranomaly
145, 139, 205

Tritanomaly
169, 136, 171

Monochromacy



Original Color
175, 128, 207

Achromatopsia
151, 151, 151

Achromatomaly
160, 143, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 128, 207 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(175, 128, 207)` looks like.

```
.text, #text, p{  
    color:rgb(175, 128, 207)  
}
```

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(175, 128, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 128, 207) }
```

Border

The CSS property to change the border of an element to RGB 175, 128, 207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

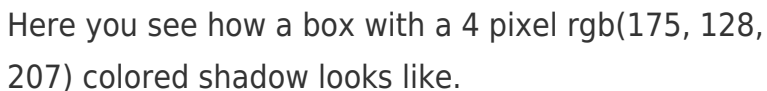
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 128, 207) }
```

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

```
.border{ border-color:rgb(175, 128, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 128, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 128, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 128, 207); box-shadow:4px 4px 4px 4px rgb(175, 128, 207) }
```

Background

The CSS property to change the background color of an element to RGB 175, 128, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 128, 207) }
```

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

```
.background{ background-color: rgb(175,  
128, 207) }
```

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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