

Converting Colors

RGB(175, 127, 210)

Have a look what the booklet for
RGB(175, 127, 210) contains.

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Color

RGB(175, 127, 210)

Conversions

Conversions Part 1

Format	Color
Hex	AF7FD2
RGB	175, 127, 210
RGB Percent	69%, 50%, 82%
CMY	0.3137, 0.5020, 0.1765
CMYK	0.17, 0.40, 0.00, 0.18
HSL	275°, 48%, 66%
HSV	275°, 40%, 82%
XYZ	36.9014, 28.9458, 64.6150
YIQ	150.8140, 1.9650, 35.9890

Conversions

Conversions Part 2

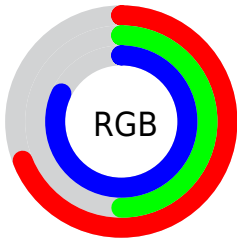
Format	Color
RYB	175, 127, 210
Decimal	11501522
CIELab	60.73, 34.01, -35.77
CIELCh	61, 49.356, 313.555
Yxy	28.9458, 0.2829, 0.2219
Android (android.graphics.Color)	4289691602 (0xFFAF7FD2)
YUV	150.8140, 29.1787, 21.2111
Hunter-Lab	53.8013, 28.2778, -33.5458

Details

The RGB color **175, 127, 210** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **162, 210, 127**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **232, 180, 255**, and **121, 77, 155** is the 20% darker color. If you saturate the color by 10%, you get **166, 106, 210**, and if you desaturate by 10%, it is **184, 148, 210**.

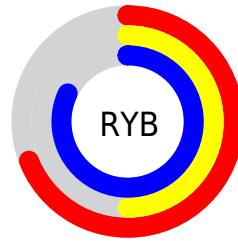
Distribution



Red (69%)

Green (50%)

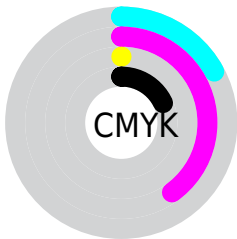
Blue (82%)



Red (69%)

Yellow (50%)

Blue (82%)

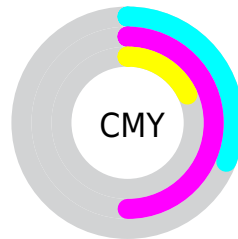


Cyan (17%)

Magenta (40%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (50%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RGB color 175, 127, 210 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, 127, 210 by changing the saturation by 10% instead.

 175, 127, 210

255, 255, 255


 232, 180, 255

 255, 208, 255

 255, 237, 255

 175, 127, 210

 148, 101, 182

 121, 77, 155

 95, 53, 129

 70, 30, 103

 45, 5, 79

 25, 0, 56


 0, 2, 33

 0, 0, 6

 0, 0, 0

 175, 127, 210


 175, 127, 210


 166, 106, 210

 184, 148, 210

 157, 85, 210


 193, 169, 210

 148, 64, 210

 202, 190, 210

 140, 43, 210


 210, 211, 210

 131, 22, 210

 219, 232, 210

 122, 1, 210

 228, 253, 210

 121, 0, 210

 237, 255, 210

 246, 255, 210

 255, 255, 210

Harmonies

Analogous

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



107, 144, 231



175, 127, 210



214, 112, 172

Triad

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



175, 127, 210



191, 136, 61



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, 127, 210



162, 210, 127

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.



12, 167, 120



175, 127, 210



152, 150, 57

Square

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



175, 127, 210



218, 119, 88



104, 161, 81



0, 166, 205

Rectangle

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



175, 127, 210



226, 108, 143



104, 161, 81



0, 168, 150

Sweetspot

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



175, 127, 210



242, 224, 255



127, 163, 210



120, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 127, 210



204, 135, 255



210, 127, 204



100, 94, 105



97, 0, 168



24, 0, 41

Inverse Universe

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



210, 127, 162



255, 135, 186



127, 210, 133



105, 94, 99



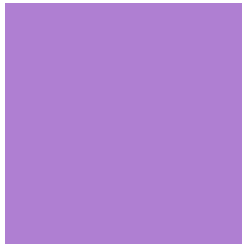
168, 0, 71



41, 0, 17

Previews

White Background



This preview shows how the RGB color 175, 127, 210 looks on a white background.

Color Contrast Check

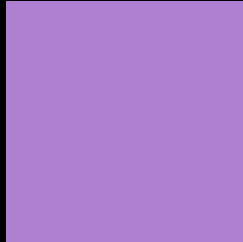
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

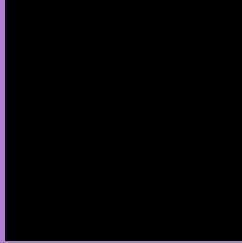
Any Text WCAG AA ✓ Pass

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, 127, 210 Background



This preview shows how black text looks on a background with the RGB color 175, 127, 210.

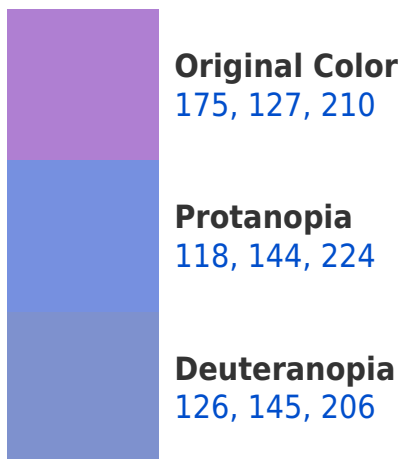


This preview shows how white text looks on a background with the RGB color 175, 127, 210.

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
165, 140, 151

Trichromacy



Original Color
175, 127, 210

Protanomaly
139, 138, 219

Deuteranomaly
144, 138, 207

Tritanomaly
169, 135, 172

Monochromacy



Original Color
175, 127, 210

Achromatopsia
151, 151, 151

Achromatomaly
160, 142, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 127, 210 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, 127, 210)` looks like.

```
.text, #text, p{  
    color:rgb(175, 127, 210)  
}
```

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, 127, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 210) }
```

Border

The CSS property to change the border of an element to RGB 175, 127, 210 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, 127, 210) }
```

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

```
.border{ border-color:rgb(175, 127, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 127, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 127, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 127, 210);  
box-shadow:4px 4px 4px 4px rgb(175, 127,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 175, 127, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 127, 210) }
```

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

```
.background{ background-color: rgb(175,  
127, 210) }
```

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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