

Converting Colors

RGB(217, 120, 222)

Have a look what the booklet for
RGB(217, 120, 222) contains.

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Color

RGB(217, 120, 222)

Conversions

Conversions Part 1

Format	Color
Hex	D978DE
RGB	217, 120, 222
RGB Percent	85%, 47%, 87%
CMY	0.1490, 0.5294, 0.1294
CMYK	0.02, 0.46, 0.00, 0.13
HSL	297°, 61%, 67%
HSV	297°, 46%, 87%
XYZ	48.5166, 33.4586, 73.0083
YIQ	160.6310, 25.0700, 52.2860

Conversions

Conversions Part 2

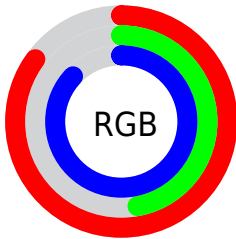
Format	Color
R_{YB}	217, 120, 222
Decimal	14252254
CIE _{Lab}	64.53, 52.48, -36.21
CIE _{LCh}	65, 63.759, 325.398
Yxy	33.4586, 0.3130, 0.2159
Android (android.graphics.Color)	4292442334 (0xFFD978DE)
YUV	160.6310, 30.2549, 49.4356
Hunter-Lab	57.8434, 48.4922, -34.3438

Details

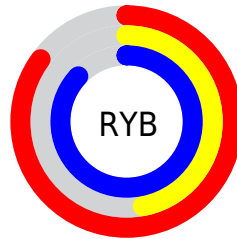
The RGB color **217, 120, 222** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **125, 222, 120**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 175, 255**, and **160, 67, 166** is the 20% darker color. If you saturate the color by 10%, you get **216, 98, 222**, and if you desaturate by 10%, it is **218, 142, 222**.

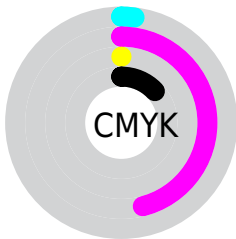
Distribution



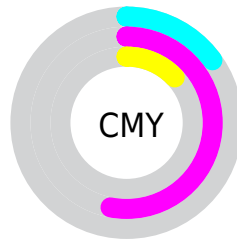
- Red (85%)
- Green (47%)
- Blue (87%)



- Red (85%)
- Yellow (47%)
- Blue (87%)



- Cyan (2%)
- Magenta (46%)
- Yellow (0%)
- Black (13%)




- Cyan (15%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 120, 222 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 217, 120, 222 by changing the saturation by 10% instead.

 217, 120, 222

 217, 120, 222

255, 255, 255

 188, 93, 194

 255, 175, 255

 160, 67, 166

 255, 203, 255

 132, 39, 140

 255, 232, 255

 105, 1, 114


 79, 0, 89


 54, 0, 65

 29, 0, 42


 0, 1, 20


 0, 0, 0

 217, 120, 222

 217, 120, 222


 216, 98, 222


 218, 142, 222

 215, 76, 222

 219, 164, 222

 214, 53, 222


 220, 187, 222

 213, 31, 222

 221, 209, 222

 212, 9, 222

 222, 231, 222

 211, 0, 222

 224, 253, 222

 225, 255, 222

 226, 255, 222

 227, 255, 222

Harmonies

Analogous

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



141, 145, 255



217, 120, 222



254, 102, 168

Triad

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



217, 120, 222



193, 151, 28



0, 183, 204

Complementary

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



217, 120, 222



125, 222, 120

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, 183, 146



217, 120, 222



138, 168, 42

Square

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



217, 120, 222



235, 128, 62



58, 178, 88



0, 178, 250

Rectangle

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



217, 120, 222



255, 103, 129



58, 178, 88



0, 184, 185

Sweetspot

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



217, 120, 222



253, 219, 255



120, 125, 222



126, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 120, 222



248, 115, 255



222, 120, 176



112, 101, 112



167, 0, 176



46, 0, 48

Inverse Universe

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



222, 120, 125



255, 115, 122



120, 222, 166



112, 101, 102



176, 0, 9



48, 0, 2

Previews

White Background



This preview shows how the RGB color 217, 120, 222 looks on a white background.

Color Contrast Check

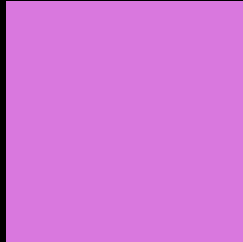
Large Text (above 18pt) WCAG AA × Fail

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 217, 120, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

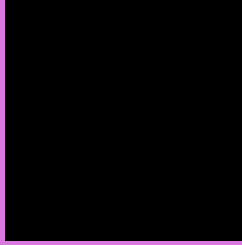
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 217, 120, 222 Background



This preview shows how black text looks on a background with the RGB color 217, 120, 222.

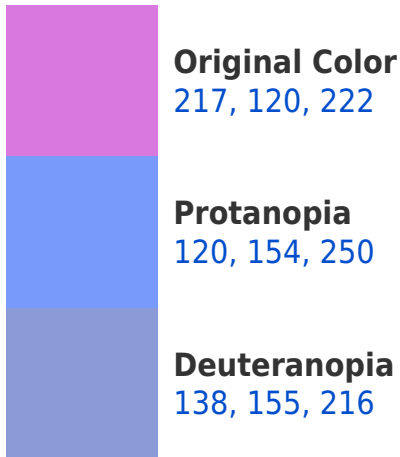


This preview shows how white text looks on a background with the RGB color 217, 120, 222.

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
207, 137, 148

Trichromacy



Original Color

217, 120, 222



Protanomaly

155, 142, 240



Deuteranomaly

167, 142, 218



Tritanomaly

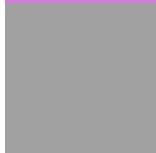
211, 131, 175

Monochromacy



Original Color

217, 120, 222



Achromatopsia

161, 161, 161



Achromatomaly

181, 146, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 120, 222 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(217, 120, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 120, 222)  
}
```

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(217, 120, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 120, 222) }
```

Border

The CSS property to change the border of an element to RGB 217, 120, 222 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(217, 120, 222) }
```

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

```
.border{ border-color:rgb(217, 120, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 120, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 120, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 120, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 120,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 217, 120, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 120, 222) }
```

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

```
.background{ background-color: rgb(217,  
120, 222) }
```

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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