

# Converting Colors

RGB(210, 120, 231)

Have a look what the booklet for  
RGB(210, 120, 231) contains.

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# Color

**RGB(210, 120, 231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D278E7
RGB	210, 120, 231
RGB Percent	82%, 47%, 91%
CMY	0.1765, 0.5294, 0.0941
CMYK	0.09, 0.48, 0.00, 0.09
HSL	289°, 70%, 69%
HSV	289°, 48%, 91%
XYZ	47.7186, 32.9041, 79.4374
YIQ	159.5640, 18.0090, 53.6010

# Conversions

## Conversions Part 2

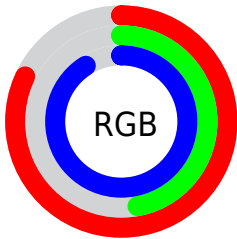
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 120, 231
Decimal	13793511
CIE Lab	64.08, 52.21, -41.97
CIE LCh	64, 66.986, 321.202
Yxy	32.9041, 0.2981, 0.2056
Android (android.graphics.Color)	4291983591 (0xFFD278E7)
YUV	159.5640, 35.2179, 44.2324
Hunter-Lab	57.3621, 48.1076, -41.9538

# Details

The RGB color **210, 120, 231** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **141, 231, 120**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 175, 255**, and **153, 67, 175** is the 20% darker color. If you saturate the color by 10%, you get **206, 97, 231**, and if you desaturate by 10%, it is **214, 143, 231**.

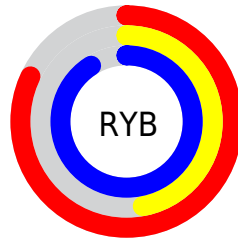
# Distribution



Red (82%)

Green (47%)

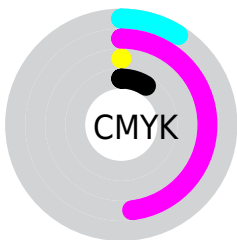
Blue (91%)



Red (82%)

Yellow (47%)

Blue (91%)

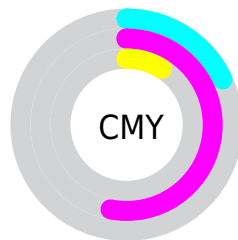


Cyan (9%)

Magenta (48%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (53%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 210, 120, 231 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 210, 120, 231 by changing the saturation by 10% instead.



 210, 120, 231

 210, 120, 231

255, 255, 255

 181, 93, 203

 255, 175, 255

 153, 67, 175

 255, 203, 255

 126, 40, 148

 255, 232, 255

 99, 4, 122

 72, 0, 96


 47, 0, 72


 20, 0, 49

 0, 1, 27


 0, 0, 0

 210, 120, 231

 210, 120, 231


 206, 97, 231


 214, 143, 231

 201, 74, 231

 219, 166, 231

 197, 51, 231

 223, 189, 231

 193, 28, 231


 227, 212, 231

 188, 5, 231

 232, 235, 231

 187, 0, 231

 236, 255, 231

 241, 255, 231

 245, 255, 231

 249, 255, 231

# Harmonies

## Analogous

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



120, 147, 255



210, 120, 231



254, 98, 176

# Triad

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



210, 120, 231



200, 146, 16



0, 183, 197

# Complementary

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



210, 120, 231



141, 231, 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, 182, 135



210, 120, 231



144, 165, 24

# Square

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



210, 120, 231



241, 122, 62



65, 177, 75



0, 179, 248

# Rectangle

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



210, 120, 231



255, 96, 135



65, 177, 75



0, 183, 177



# Sweetspot

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



210, 120, 231



248, 219, 255



120, 142, 231



123, 106, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



210, 120, 231



227, 107, 255



231, 120, 198



113, 103, 115



145, 0, 179



41, 0, 51



# Inverse Universe

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



231, 120, 141



255, 107, 135



120, 231, 153



115, 103, 105



179, 0, 34



51, 0, 10



# Previews

## White Background



This preview shows how the RGB color 210, 120, 231 looks on a white background.

## Color Contrast Check

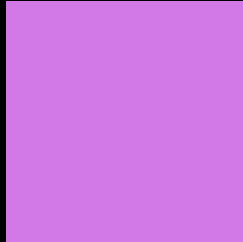
Large Text (above 18pt) WCAG AA × Fail

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 210, 120, 231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

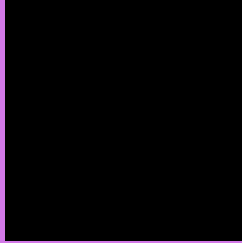
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 210, 120, 231 Background



This preview shows how black text looks on a background with the RGB color 210, 120, 231.

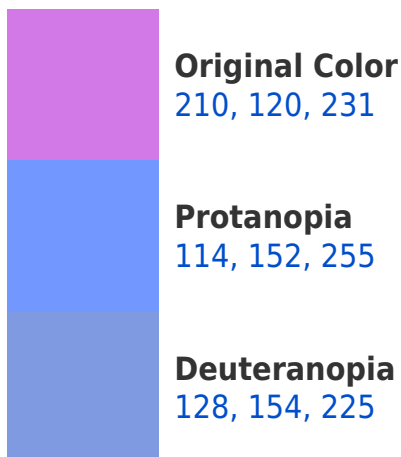



This preview shows how white text looks on a background with the RGB color 210, 120, 231.

# 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**  
199, 139, 150

# Trichromacy



**Original Color**

210, 120, 231



**Protanomaly**

149, 140, 246



**Deuteranomaly**

158, 142, 227



**Tritanomaly**

203, 132, 179

# Monochromacy



**Original Color**

210, 120, 231



**Achromatopsia**

160, 160, 160



**Achromatomaly**

178, 145, 186

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 210, 120, 231 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(210, 120, 231)` looks like.

```
.text, #text, p{  
    color:rgb(210, 120, 231)  
}
```

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(210, 120, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 120, 231) }
```

## Border

The CSS property to change the border of an element to RGB 210, 120, 231 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(210, 120, 231) }
```

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

```
.border{ border-color:rgb(210, 120, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 120, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 120, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 120, 231);  
box-shadow:4px 4px 4px 4px rgb(210, 120,  
231) }
```

# Background

The CSS property to change the background color of an element to RGB 210, 120, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 120, 231) }
```

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

```
.background{ background-color: rgb(210,  
120, 231) }
```

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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