

Converting Colors

RGB(203, 121, 210)

Have a look what the booklet for
RGB(203, 121, 210) contains.

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Color

RGB(203, 121, 210)

Conversions

Conversions Part 1

Format	Color
Hex	CB79D2
RGB	203, 121, 210
RGB Percent	80%, 47%, 82%
CMY	0.2039, 0.5255, 0.1765
CMYK	0.03, 0.42, 0.00, 0.18
HSL	295°, 50%, 65%
HSV	295°, 42%, 82%
XYZ	43.0988, 31.0244, 64.6895
YIQ	155.6640, 20.3030, 45.0630

Conversions

Conversions Part 2

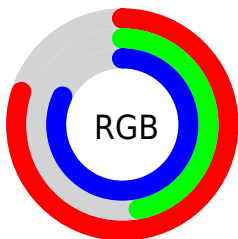
Format	Color
RYB	203, 121, 210
Decimal	13334994
CIELab	62.53, 45.65, -32.74
CIELCh	63, 56.174, 324.350
Yxy	31.0244, 0.3105, 0.2235
Android (android.graphics.Color)	4291525074 (0xFFFCB79D2)
YUV	155.6640, 26.7876, 41.5137
Hunter-Lab	55.6995, 40.6443, -29.8698

Details

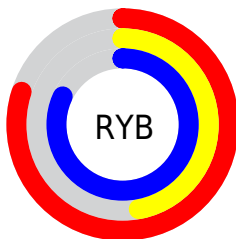
The RGB color `203, 121, 210` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `128, 210, 121`, and the grayscale version is `155, 155, 155`.

A 20% lighter version of the original color is `255, 175, 255`, and `147, 69, 155` is the 20% darker color. If you saturate the color by 10%, you get `201, 100, 210`, and if you desaturate by 10%, it is `205, 142, 210`.

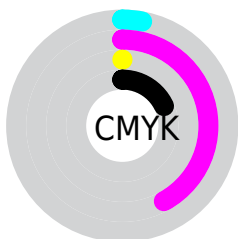
Distribution



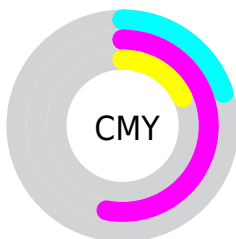
- Red (80%)
- Green (47%)
- Blue (82%)



- Red (80%)
- Yellow (47%)
- Blue (82%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 121, 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 203, 121, 210 by changing the saturation by 10% instead.

 203, 121, 210

 203, 121, 210

255, 255, 255

 175, 95, 182

 255, 175, 255

 147, 69, 155

 255, 203, 255


 120, 43, 129

 255, 232, 255

 94, 14, 103

 68, 0, 79

 45, 0, 56


 11, 0, 33

 0, 0, 6


 0, 0, 0

 203, 121, 210


 203, 121, 210

 201, 100, 210

 205, 142, 210

 200, 79, 210


 206, 163, 210

 198, 58, 210

 208, 184, 210

 196, 37, 210

 210, 205, 210

 195, 16, 210

 211, 226, 210

 193, 0, 210

 213, 247, 210

 215, 255, 210

 216, 255, 210

 218, 255, 210

Harmonies

Analogous

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



136, 142, 242



203, 121, 210



237, 107, 163

Triad

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



203, 121, 210



186, 145, 45



0, 175, 191

Complementary

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



203, 121, 210



128, 210, 121

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, 175, 140



203, 121, 210



138, 161, 53

Square

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



203, 121, 210



223, 126, 71



74, 170, 90



0, 171, 231

Rectangle

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



203, 121, 210



243, 106, 129



74, 170, 90



0, 176, 174

Sweetspot

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



203, 121, 210



252, 222, 255



121, 128, 210



126, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 121, 210



245, 125, 255



210, 121, 173



104, 94, 105



155, 0, 168



38, 0, 41

Inverse Universe

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



210, 121, 128



255, 125, 135



121, 210, 158



105, 94, 95



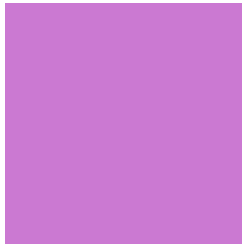
168, 0, 13



41, 0, 3

Previews

White Background



This preview shows how the RGB color 203, 121, 210 looks on a white background.

Color Contrast Check

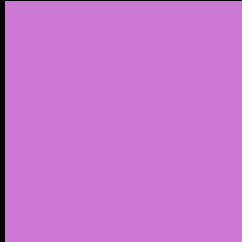
Large Text (above 18pt) WCAG AA × Fail

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 203, 121, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

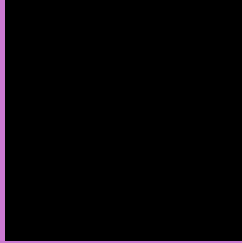
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 203, 121, 210 Background



This preview shows how black text looks on a background with the RGB color 203, 121, 210.

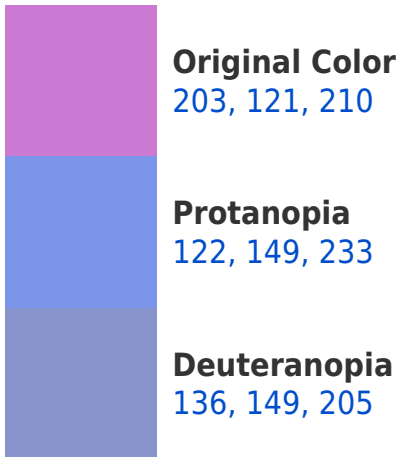



This preview shows how white text looks on a background with the RGB color 203, 121, 210.

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

194, 135, 146

Trichromacy



Original Color

203, 121, 210



Protanomaly

151, 139, 225



Deuteranomaly

160, 139, 207



Tritanomaly

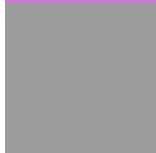
197, 130, 169

Monochromacy



Original Color

203, 121, 210



Achromatopsia

156, 156, 156



Achromatomaly

173, 143, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 121, 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(203, 121, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 121, 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(203, 121, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 121, 210) }
```

Border

The CSS property to change the border of an element to RGB 203, 121, 210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

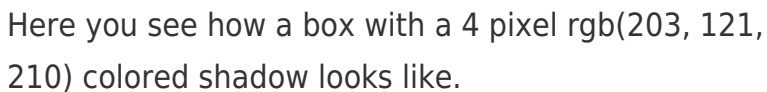
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 121, 210) }
```

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

```
.border{ border-color:rgb(203, 121, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 121, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 121, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 121, 210); box-shadow:4px 4px 4px 4px rgb(203, 121, 210) }
```

Background

The CSS property to change the background color of an element to RGB 203, 121, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 121, 210) }
```

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

```
.background{ background-color: rgb(203,  
121, 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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