

Converting Colors

RGB(210, 114, 221)

Have a look what the booklet for
RGB(210, 114, 221) contains.

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Color

RGB(210, 114, 221)

Conversions

Conversions Part 1

Format	Color
Hex	D272DD
RGB	210, 114, 221
RGB Percent	82%, 45%, 87%
CMY	0.1765, 0.5529, 0.1333
CMYK	0.05, 0.48, 0.00, 0.13
HSL	294°, 61%, 66%
HSV	294°, 48%, 87%
XYZ	45.6468, 30.9567, 71.9760
YIQ	154.9020, 22.8690, 53.6290

Conversions

Conversions Part 2

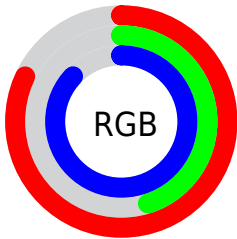
Format	Color
R _Y B	210, 114, 221
Decimal	13791965
CIE Lab	62.47, 53.32, -38.93
CIE LCh	62, 66.017, 323.867
Yxy	30.9567, 0.3072, 0.2084
Android (android.graphics.Color)	4291982045 (0xFFD272DD)
YUV	154.9020, 32.5863, 48.3209
Hunter-Lab	55.6388, 49.0760, -37.7522

Details

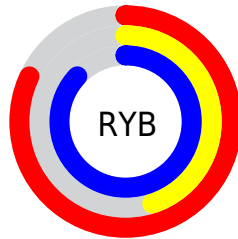
The RGB color **210, 114, 221** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **125, 221, 114**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 169, 255**, and **153, 60, 165** is the 20% darker color. If you saturate the color by 10%, you get **208, 92, 221**, and if you desaturate by 10%, it is **212, 136, 221**.

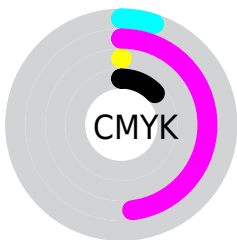
Distribution



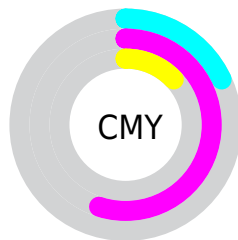
- Red (82%)
- Green (45%)
- Blue (87%)



- Red (82%)
- Yellow (45%)
- Blue (87%)



- Cyan (5%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 114, 221 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, 114, 221 by changing the saturation by 10% instead.

 210, 114, 221


255, 255, 255


 255, 169, 255

 255, 197, 255

 255, 226, 255

255, 255, 255

 210, 114, 221

 181, 87, 193

 153, 60, 165

 126, 32, 139


 99, 0, 113


 72, 0, 88


 48, 0, 64


 18, 0, 41


 0, 1, 19


 0, 0, 0

 210, 114, 221


 210, 114, 221

 208, 92, 221


 212, 136, 221

 205, 70, 221

 215, 158, 221


 203, 48, 221

 217, 180, 221

 201, 26, 221

 219, 202, 221

 199, 4, 221

 221, 225, 221

 198, 0, 221

 224, 247, 221

 226, 255, 221

 228, 255, 221

 230, 255, 221

Harmonies

Analogous

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



127, 141, 255



210, 114, 221



250, 94, 166

Triad

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



210, 114, 221



190, 144, 10



0, 178, 197

Complementary

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



210, 114, 221



125, 221, 114

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, 178, 137



210, 114, 221



135, 162, 26

Square

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



210, 114, 221



232, 120, 55



51, 173, 78



0, 174, 245

Rectangle

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



210, 114, 221



255, 93, 126



51, 173, 78



0, 179, 177

Sweetspot

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



210, 114, 221



251, 217, 255



114, 126, 221



125, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 114, 221



240, 107, 255



221, 114, 180



109, 99, 110



156, 0, 173



41, 0, 46

Inverse Universe

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



221, 114, 125



255, 107, 122



114, 221, 155



110, 99, 100



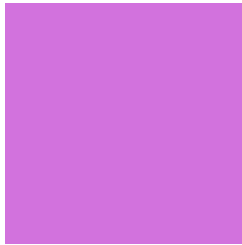
173, 0, 18



46, 0, 5

Previews

White Background



This preview shows how the RGB color 210, 114, 221 looks on a white background.

Color Contrast Check

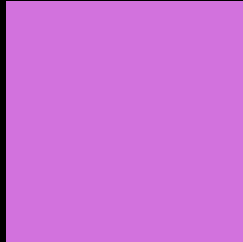
Large Text (above 18pt) WCAG AA × Fail

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, 114, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

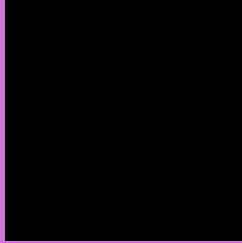
Any Text WCAG AA ✓ Pass

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, 114, 221 Background



This preview shows how black text looks on a background with the RGB color 210, 114, 221.

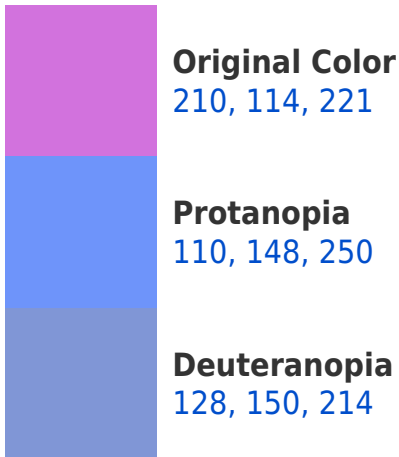



This preview shows how white text looks on a background with the RGB color 210, 114, 221.

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
200, 133, 143

Trichromacy



Original Color

210, 114, 221



Protanomaly

146, 136, 239



Deuteranomaly

158, 137, 217



Tritanomaly

204, 126, 171

Monochromacy



Original Color

210, 114, 221



Achromatopsia

155, 155, 155



Achromatomaly

175, 140, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 114, 221 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, 114, 221)` looks like.

```
.text, #text, p{  
    color:rgb(210, 114, 221)  
}
```

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, 114, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 114, 221) }
```

Border

The CSS property to change the border of an element to RGB 210, 114, 221 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, 114, 221) }
```

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

```
.border{ border-color:rgb(210, 114, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 114, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 114, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 114, 221);  
box-shadow:4px 4px 4px 4px rgb(210, 114,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 210, 114, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 114, 221) }
```

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

```
.background{ background-color: rgb(210,  
114, 221) }
```

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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