

Converting Colors

RGB(210, 139, 214)

Have a look what the booklet for
RGB(210, 139, 214) contains.

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Color

RGB(210, 139, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D28BD6
RGB	210, 139, 214
RGB Percent	82%, 55%, 84%
CMY	0.1765, 0.4549, 0.1608
CMYK	0.02, 0.35, 0.00, 0.16
HSL	297°, 48%, 69%
HSV	297°, 35%, 84%
XYZ	47.9486, 37.0219, 68.2371
YIQ	168.7790, 18.2410, 38.3770

Conversions

Conversions Part 2

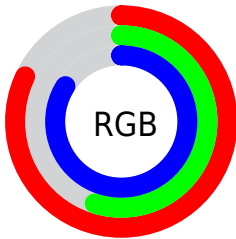
Format	Color
RYB	210, 139, 214
Decimal	13798358
CIELab	67.29, 39.01, -27.54
CIElCh	67, 47.751, 324.773
Yxy	37.0219, 0.3130, 0.2416
Android (android.graphics.Color)	4291988438 (0xFFD28BD6)
YUV	168.7790, 22.2940, 36.1508
Hunter-Lab	60.8456, 34.1846, -23.9005

Details

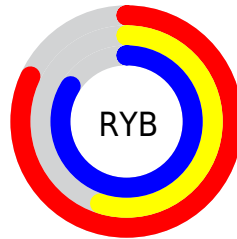
The RGB color **210, 139, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **143, 214, 139**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 194, 255**, and **154, 87, 159** is the 20% darker color. If you saturate the color by 10%, you get **209, 118, 214**, and if you desaturate by 10%, it is **211, 160, 214**.

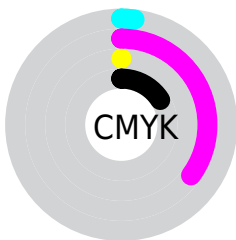
Distribution



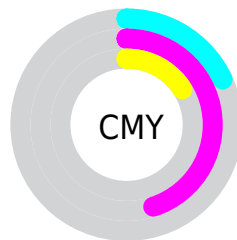
- Red (82%)
- Green (55%)
- Blue (84%)



- Red (82%)
- Yellow (55%)
- Blue (84%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 210, 139, 214 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, 139, 214 by changing the saturation by 10% instead.

 210, 139, 214

 210, 139, 214

255, 255, 255

 182, 113, 186


 255, 194, 255

 154, 87, 159


 255, 222, 255

 127, 62, 133

 255, 251, 255

 101, 37, 107

 76, 10, 83


 51, 0, 59

 30, 0, 37


 0, 1, 13


 0, 0, 0


 210, 139, 214

 210, 139, 214

 209, 118, 214


 211, 160, 214

 208, 96, 214

 212, 182, 214

 207, 75, 214


 213, 203, 214

 205, 53, 214


 215, 225, 214

 204, 32, 214

 216, 246, 214

 203, 11, 214

 217, 255, 214

 203, 0, 214

 218, 255, 214

 219, 255, 214

 220, 255, 214

Harmonies

Analogous

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



155, 156, 242



210, 139, 214



239, 128, 173

Triad

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



210, 139, 214



196, 159, 76



0, 185, 199

Complementary

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



210, 139, 214



143, 214, 139

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, 185, 155



210, 139, 214



154, 172, 83

Square

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



210, 139, 214



228, 143, 95



102, 181, 112



0, 181, 233

Rectangle

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



210, 139, 214



245, 128, 144



102, 181, 112



0, 186, 184

Sweetspot

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



210, 139, 214



254, 227, 255



139, 144, 214



127, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 139, 214



249, 148, 255



214, 139, 181



107, 96, 107



162, 0, 171



41, 0, 43

Inverse Universe

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



214, 139, 143



255, 148, 154



139, 214, 171



107, 96, 97



171, 0, 9



43, 0, 2

Previews

White Background



This preview shows how the RGB color 210, 139, 214 looks on a white background.

Color Contrast Check

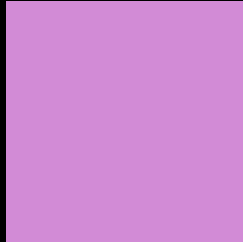
Large Text (above 18pt) WCAG AA × Fail

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, 139, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

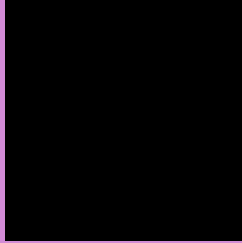
Any Text WCAG AA ✓ Pass

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, 139, 214 Background



This preview shows how black text looks on a background with the RGB color 210, 139, 214.

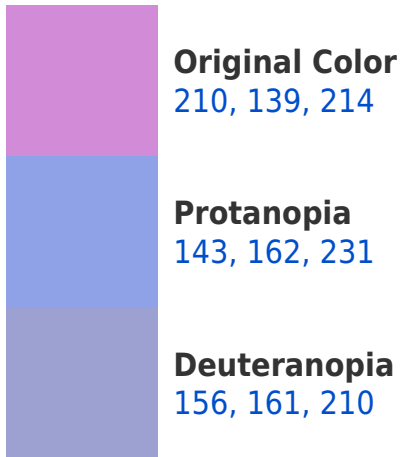



This preview shows how white text looks on a background with the RGB color 210, 139, 214.

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
203, 150, 161

Trichromacy



Original Color

210, 139, 214



Protanomaly

167, 154, 225



Deuteranomaly

176, 153, 211



Tritanomaly

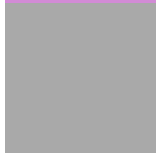
206, 146, 180

Monochromacy



Original Color

210, 139, 214



Achromatopsia

169, 169, 169



Achromatomaly

184, 158, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 139, 214 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, 139, 214)` looks like.

```
.text, #text, p{  
    color:rgb(210, 139, 214)  
}
```

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, 139, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 139, 214) }
```

Border

The CSS property to change the border of an element to RGB 210, 139, 214 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, 139, 214) }
```

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

```
.border{ border-color:rgb(210, 139, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 139, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 139, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 139, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 139,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 210, 139, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 139, 214) }
```

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

```
.background{ background-color: rgb(210,  
139, 214) }
```

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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