

# Converting Colors

RGB(210, 139, 240)

Have a look what the booklet for  
RGB(210, 139, 240) contains.

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# **Color**

**RGB(210, 139, 240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D28BF0
RGB	210, 139, 240
RGB Percent	82%, 55%, 94%
CMY	0.1765, 0.4549, 0.0588
CMYK	0.13, 0.42, 0.00, 0.06
HSL	282°, 77%, 74%
HSV	282°, 42%, 94%
XYZ	51.5391, 38.4581, 87.1448
YIQ	171.7430, 9.8950, 46.4630

# Conversions

## Conversions Part 2

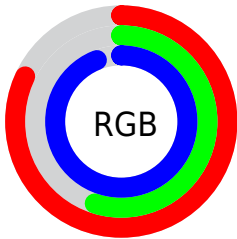
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	210, 139, 240
Decimal	13798384
CIE <sub>Lab</sub>	68.36, 44.12, -40.25
CIE <sub>LCh</sub>	68, 59.720, 317.628
Yxy	38.4581, 0.2909, 0.2171
Android (android.graphics.Color)	4291988464 (0xFFD28BF0)
YUV	171.7430, 33.6507, 33.5514
Hunter-Lab	62.0146, 39.8222, -39.9059

# Details

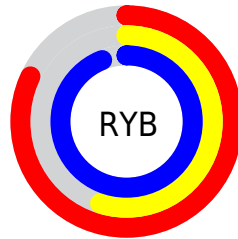
The RGB color **210, 139, 240** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **169, 240, 139**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 194, 255**, and **154, 87, 184** is the 20% darker color. If you saturate the color by 10%, you get **203, 115, 240**, and if you desaturate by 10%, it is **217, 163, 240**.

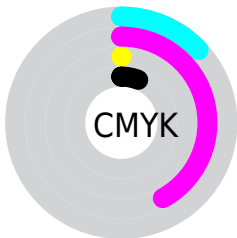
# Distribution



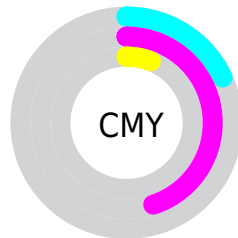
- Red (82%)
- Green (55%)
- Blue (94%)



- Red (82%)
- Yellow (55%)
- Blue (94%)



- Cyan (13%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)




- Cyan (18%)
- Magenta (45%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 210, 139, 240 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, 240 by changing the saturation by 10% instead.



 210, 139, 240

 210, 139, 240

255, 255, 255

 182, 113, 211

 255, 194, 255

 154, 87, 184

 255, 222, 255

 127, 62, 156

 255, 251, 255

 100, 36, 130


 74, 7, 104

 48, 0, 80


 27, 0, 56


 0, 2, 34

 0, 0, 7

 210, 139, 240


 210, 139, 240


 203, 115, 240


 217, 163, 240

 196, 91, 240


 224, 187, 240

 189, 67, 240

 231, 211, 240

 181, 43, 240

 239, 235, 240

 174, 19, 240

 246, 255, 240

 169, 0, 240

 253, 255, 240

 255, 255, 240

# Harmonies

## Analogous

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



128, 161, 255



210, 139, 240



254, 121, 191

# Triad

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



210, 139, 240



215, 156, 56



0, 193, 198

# Complementary

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



210, 139, 240



169, 240, 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, 192, 142



210, 139, 240



165, 174, 55

# Square

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



210, 139, 240



251, 135, 89



102, 185, 90



0, 189, 245

# Rectangle

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



210, 139, 240



255, 117, 155



102, 185, 90



0, 193, 179



# Sweetspot

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



210, 139, 240



245, 222, 255



139, 169, 240



121, 107, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



210, 139, 240



216, 125, 255



240, 139, 220



116, 108, 120



129, 0, 184



39, 0, 56



# Inverse Universe

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



240, 139, 169



255, 125, 164



139, 240, 159



120, 108, 111



184, 0, 55

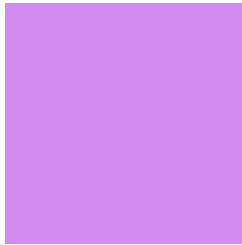


56, 0, 17



# Previews

## White Background



This preview shows how the RGB color 210, 139, 240 looks on a white background.

## Color Contrast Check

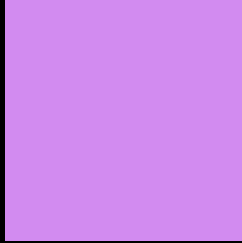
Large Text (above 18pt) WCAG AA × Fail

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, 240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

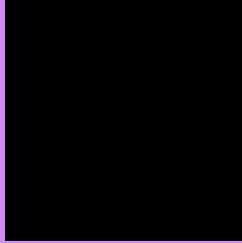
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 210, 139, 240 Background



This preview shows how black text looks on a background with the RGB color 210, 139, 240.

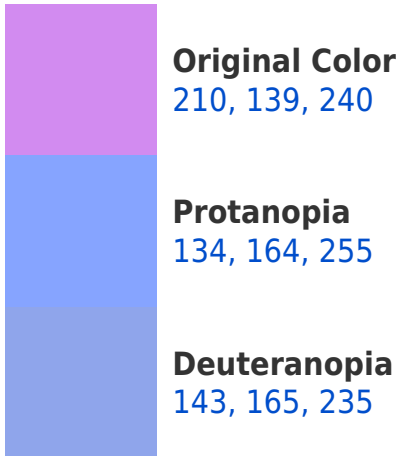


This preview shows how white text looks on a background with the RGB color 210, 139, 240.

# 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, 155, 167

# Trichromacy



**Original Color**

210, 139, 240



**Protanomaly**

162, 155, 250



**Deuteranomaly**

167, 156, 237



**Tritanomaly**

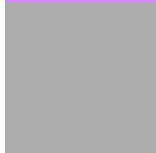
203, 149, 194

# Monochromacy



**Original Color**

210, 139, 240



**Achromatopsia**

172, 172, 172



**Achromatomaly**

186, 160, 197

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 210, 139, 240 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(210, 139, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 139, 240) }
```

## Border

The CSS property to change the border of an element to RGB 210, 139, 240 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, 240) }
```

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

```
.border{ border-color:rgb(210, 139, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 139, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 139, 240);  
box-shadow:4px 4px 4px 4px rgb(210, 139,  
240) }
```

# Background

The CSS property to change the background color of an element to RGB 210, 139, 240 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, 240) }
```

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

```
.background{ background-color: rgb(210,  
139, 240) }
```

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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