

# Converting Colors

RGB(210, 192, 238)

Have a look what the booklet for  
RGB(210, 192, 238) contains.

<b>RGB(210, 192, 238)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(210, 192, 238)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2C0EE
RGB	210, 192, 238
RGB Percent	82%, 75%, 93%
CMY	0.1765, 0.2471, 0.0667
CMYK	0.12, 0.19, 0.00, 0.07
HSL	263°, 58%, 84%
HSV	263°, 19%, 93%
XYZ	60.8606, 57.5740, 88.7941
YIQ	202.6260, -4.0380, 18.1220

# Conversions

## Conversions Part 2

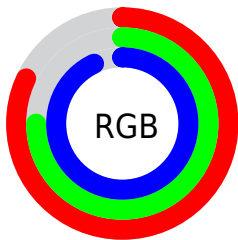
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 192, 238
Decimal	13811950
CIE Lab	80.50, 15.00, -20.47
CIE LCh	81, 25.383, 306.238
Yxy	57.5740, 0.2937, 0.2778
Android (android.graphics.Color)	4292002030 (0xFFD2C0EE)
YUV	202.6260, 17.4394, 6.4670
Hunter-Lab	75.8775, 10.3874, -16.2687

# Details

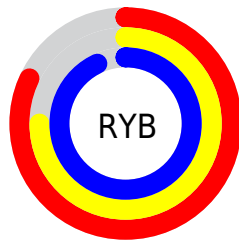
The RGB color **210, 192, 238** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **220, 238, 192**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 248, 255**, and **155, 138, 182** is the 20% darker color. If you saturate the color by 10%, you get **196, 168, 238**, and if you desaturate by 10%, it is **224, 216, 238**.

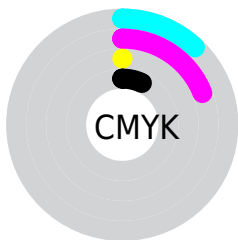
# Distribution



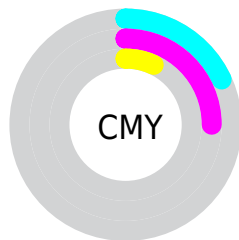
- Red (82%)
- Green (75%)
- Blue (93%)



- Red (82%)
- Yellow (75%)
- Blue (93%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)




- Cyan (18%)
- Magenta (25%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 210, 192, 238 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, 192, 238 by changing the saturation by 10% instead.




 210, 192, 238

255, 255, 255

 255, 248, 255

 210, 192, 238

 182, 165, 210

 155, 138, 182


 129, 113, 155

 104, 88, 129

 79, 65, 104

 55, 43, 80

 33, 22, 56

 15, 0, 35

 0, 0, 10

■ 210, 192, 238

■ 210, 192, 238

■ 196, 168, 238

■ 224, 216, 238

■ 181, 144, 238

■ 239, 240, 238

■ 167, 121, 238

■ 253, 255, 238

■ 152, 97, 238

■ 255, 255, 238

■ 138, 73, 238

■ 123, 49, 238

■ 109, 25, 238

■ 94, 2, 238

■ 93, 0, 238

# Harmonies

## Analogous

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



178, 200, 246



210, 192, 238



235, 185, 219

# Triad

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



210, 192, 238



234, 192, 157



139, 213, 204

# Complementary

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



210, 192, 238



220, 238, 192

# 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.



159, 212, 180



210, 192, 238



213, 200, 153

# Square

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



210, 192, 238



247, 185, 173



186, 207, 161



133, 212, 227

# Rectangle

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



210, 192, 238



245, 183, 204



186, 207, 161



144, 213, 196



# Sweetspot

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



210, 192, 238



246, 240, 255



192, 220, 238



122, 119, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



210, 192, 238



219, 196, 255



233, 192, 238



113, 108, 120



72, 0, 184



22, 0, 56



# Inverse Universe

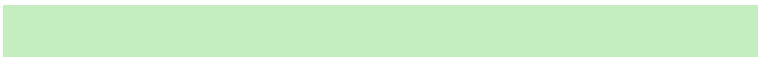
The Inverse Universe completely reimagines the original color for something new.



238, 192, 220



255, 196, 232



197, 238, 192



120, 108, 115



184, 0, 112

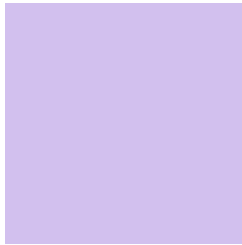


56, 0, 34



# Previews

## White Background



This preview shows how the RGB color 210, 192, 238 looks on a white background.

## Color Contrast Check

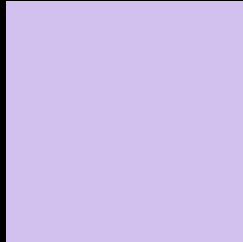
Large Text (above 18pt) WCAG AA × Fail

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, 192, 238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

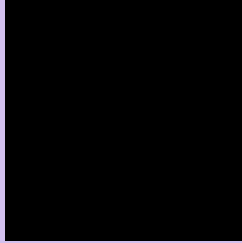
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 210, 192, 238 Background



This preview shows how black text looks on a background with the RGB color 210, 192, 238.

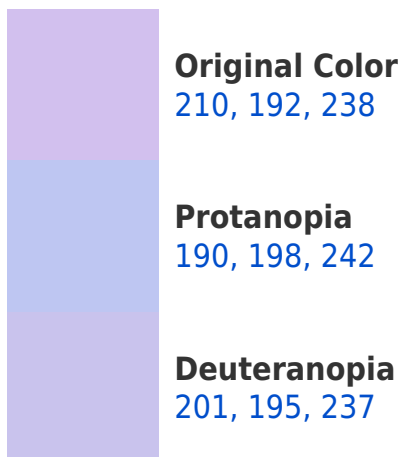



This preview shows how white text looks on a background with the RGB color 210, 192, 238.

# 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**  
206, 197, 212

# Trichromacy



**Original Color**  
210, 192, 238

**Protanomaly**  
197, 196, 241

**Deuteranomaly**  
204, 194, 237

**Tritanomaly**  
207, 195, 221

# Monochromacy



**Original Color**  
210, 192, 238

**Achromatopsia**  
203, 203, 203

**Achromatomaly**  
206, 199, 216

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 210, 192, 238 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, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 238)  
}
```

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, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 238) }
```

## Border

The CSS property to change the border of an element to RGB 210, 192, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

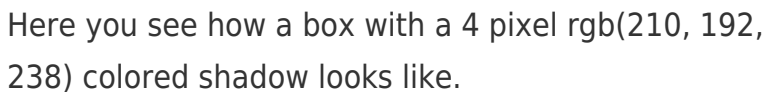
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 192, 238) }
```

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

```
.border{ border-color:rgb(210, 192, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 192, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 192, 238); box-shadow:4px 4px 4px 4px rgb(210, 192, 238) }
```

# Background

The CSS property to change the background color of an element to RGB 210, 192, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 238) }
```

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

```
.background{ background-color: rgb(210,  
192, 238) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor