

Converting Colors

RGB(210, 169, 235)

Have a look what the booklet for
RGB(210, 169, 235) contains.

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Color

RGB(210, 169, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D2A9EB
RGB	210, 169, 235
RGB Percent	82%, 66%, 92%
CMY	0.1765, 0.3373, 0.0784
CMYK	0.11, 0.28, 0.00, 0.08
HSL	277°, 62%, 79%
HSV	277°, 28%, 92%
XYZ	55.7617, 48.0757, 84.9378
YIQ	188.7830, 3.2500, 29.2180

Conversions

Conversions Part 2

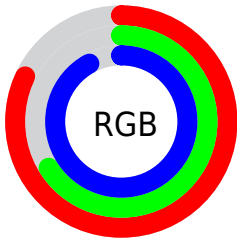
Format	Color
R _Y B	210, 169, 235
Decimal	13806059
CIE Lab	74.87, 26.88, -27.43
CIE LCh	75, 38.406, 314.415
Yxy	48.0757, 0.2954, 0.2547
Android (android.graphics.Color)	4291996139 (0xFFD2A9EB)
YUV	188.7830, 22.7850, 18.6073
Hunter-Lab	69.3367, 22.2135, -24.0950

Details

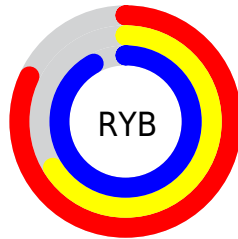
The RGB color **210, 169, 235** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **194, 235, 169**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 225, 255**, and **155, 116, 179** is the 20% darker color. If you saturate the color by 10%, you get **201, 146, 235**, and if you desaturate by 10%, it is **219, 193, 235**.

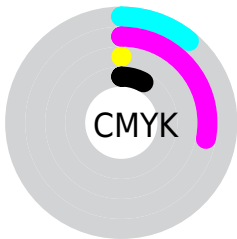
Distribution



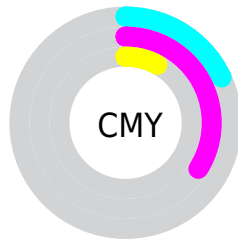
- Red (82%)
- Green (66%)
- Blue (92%)



- Red (82%)
- Yellow (66%)
- Blue (92%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)





- Cyan (18%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 210, 169, 235 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, 169, 235 by changing the saturation by 10% instead.

 210, 169, 235

 210, 169, 235

255, 255, 255

 182, 142, 207

 255, 225, 255

 155, 116, 179


 255, 253, 255

 128, 92, 152

 103, 67, 126

 78, 44, 101


 53, 22, 77


 31, 0, 54


 0, 0, 32


 0, 0, 3

 210, 169, 235


 210, 169, 235

 201, 146, 235


 219, 193, 235

 192, 122, 235


 228, 216, 235

 183, 98, 235

 237, 240, 235

 174, 75, 235

 246, 255, 235

 165, 52, 235

 255, 255, 235

 157, 28, 235

 255, 255, 235

 148, 4, 235

 146, 0, 235

Harmonies

Analogous

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



161, 182, 252



210, 169, 235



242, 159, 204

Triad

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



210, 169, 235



224, 176, 116



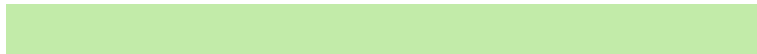
61, 203, 201

Complementary

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



210, 169, 235



194, 235, 169

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.



107, 202, 164



210, 169, 235



191, 188, 115

Square

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



210, 169, 235



247, 164, 136



151, 197, 133



50, 200, 233

Rectangle

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



210, 169, 235



252, 157, 180



151, 197, 133



76, 203, 188

Sweetspot

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



210, 169, 235



247, 235, 255



169, 194, 235



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 169, 235



222, 168, 255



235, 169, 227



113, 106, 117



112, 0, 181



33, 0, 54

Inverse Universe

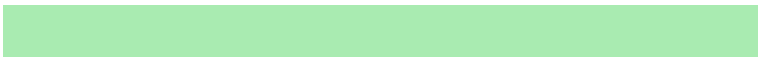
The Inverse Universe completely reimagines the original color for something new.



235, 169, 194



255, 168, 201



169, 235, 177



117, 106, 110



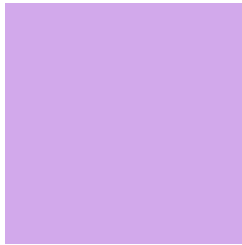
181, 0, 69



54, 0, 20

Previews

White Background



This preview shows how the RGB color 210, 169, 235 looks on a white background.

Color Contrast Check

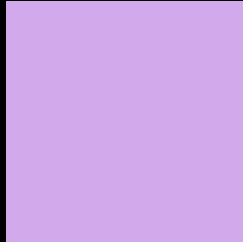
Large Text (above 18pt) WCAG AA × Fail

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, 169, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

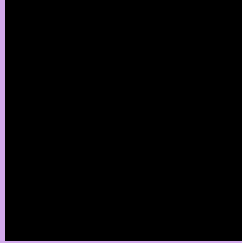
Any Text WCAG AA ✓ Pass

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, 169, 235 Background



This preview shows how black text looks on a background with the RGB color 210, 169, 235.



This preview shows how white text looks on a background with the RGB color 210, 169, 235.

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



Original Color
210, 169, 235

Protanopia
167, 182, 245

Deuteranopia
177, 181, 233



Tritanopia
203, 177, 191

Trichromacy



Original Color
210, 169, 235

Protanomaly
183, 177, 241

Deuteranomaly
189, 177, 234

Tritanomaly
206, 174, 207

Monochromacy



Original Color
210, 169, 235

Achromatopsia
189, 189, 189

Achromatomaly
197, 182, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 169, 235 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, 169, 235)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 235)  
}
```

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, 169, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 235) }
```

Border

The CSS property to change the border of an element to RGB 210, 169, 235 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, 169, 235) }
```

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

```
.border{ border-color:rgb(210, 169, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 235);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 210, 169, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 235) }
```

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

```
.background{ background-color: rgb(210,  
169, 235) }
```

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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