

Converting Colors

RGB(196, 169, 219)

Have a look what the booklet for
RGB(196, 169, 219) contains.

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Color

RGB(196, 169, 219)

Conversions

Conversions Part 1

Format	Color
Hex	C4A9DB
RGB	196, 169, 219
RGB Percent	77%, 66%, 86%
CMY	0.2314, 0.3373, 0.1412
CMYK	0.11, 0.23, 0.00, 0.14
HSL	272°, 41%, 76%
HSV	272°, 23%, 86%
XYZ	49.7391, 45.2262, 73.1258
YIQ	182.7730, 0.0420, 21.2740

Conversions

Conversions Part 2

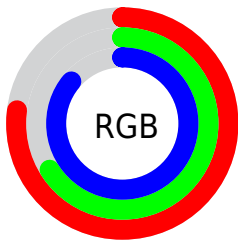
Format	Color
RYB	196, 169, 219
Decimal	12888539
CIELab	73.04, 19.13, -21.63
CIELCh	73, 28.873, 311.491
Yxy	45.2262, 0.2959, 0.2691
Android (android.graphics.Color)	4291078619 (0xFFC4A9DB)
YUV	182.7730, 17.8599, 11.6001
Hunter-Lab	67.2504, 14.3323, -17.3947

Details

The RGB color **196, 169, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192, 219, 169**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **253, 224, 255**, and **142, 117, 164** is the 20% darker color. If you saturate the color by 10%, you get **186, 147, 219**, and if you desaturate by 10%, it is **206, 191, 219**.

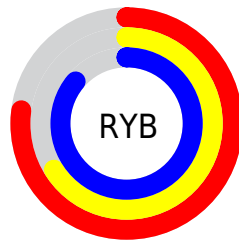
Distribution



Red (77%)

Green (66%)

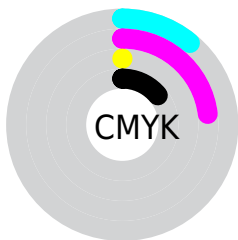
Blue (86%)



Red (77%)

Yellow (66%)

Blue (86%)

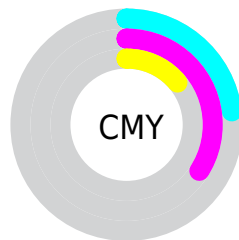


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 169, 219 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 196, 169, 219 by changing the saturation by 10% instead.


 196, 169, 219


255, 255, 255

 253, 224, 255


 255, 253, 255

 196, 169, 219

 169, 142, 191

 142, 117, 164

 116, 92, 138

 91, 68, 112

 67, 46, 87

 44, 24, 64


 24, 0, 42

 0, 1, 20

 0, 0, 0

 196, 169, 219

 196, 169, 219

 186, 147, 219


 206, 191, 219

 176, 125, 219


 216, 213, 219

 166, 103, 219


 226, 235, 219

 156, 81, 219


 236, 255, 219


 146, 60, 219

 246, 255, 219

 136, 38, 219

 255, 255, 219

 125, 16, 219

 118, 0, 219

Harmonies

Analogous

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



160, 178, 231



196, 169, 219



221, 162, 197

Triad

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



196, 169, 219



213, 172, 130



104, 194, 189

Complementary

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



196, 169, 219



192, 219, 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.



128, 193, 162



196, 169, 219



188, 181, 127

Square

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



196, 169, 219



229, 164, 145



158, 188, 139



99, 192, 213

Rectangle

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



196, 169, 219



230, 160, 179



158, 188, 139



110, 194, 180

Sweetspot

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



196, 169, 219



247, 237, 255



169, 192, 219



123, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 169, 219



223, 186, 255



219, 169, 217



105, 99, 110



94, 0, 173



25, 0, 46

Inverse Universe

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



219, 169, 192



255, 186, 218



169, 219, 171



110, 99, 104



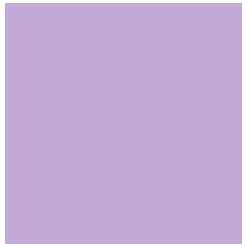
173, 0, 80



46, 0, 21

Previews

White Background



This preview shows how the RGB color 196, 169, 219 looks on a white background.

Color Contrast Check

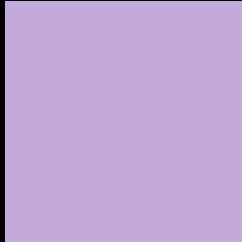
Large Text (above 18pt) WCAG AA × Fail

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 196, 169, 219 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 196, 169, 219 Background



This preview shows how black text looks on a background with the RGB color 196, 169, 219.



This preview shows how white text looks on a background with the RGB color 196, 169, 219.

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
196, 169, 219

Protanopia
168, 178, 225

Deuteranopia
178, 176, 218



Tritanopia
191, 175, 188

Trichromacy



Original Color
196, 169, 219

Protanomaly
178, 175, 223

Deuteranomaly
185, 173, 218

Tritanomaly
193, 173, 199

Monochromacy



Original Color
196, 169, 219

Achromatopsia
183, 183, 183

Achromatomaly
188, 178, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 169, 219 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(196, 169, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 219)  
}
```

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(196, 169, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 219) }
```

Border

The CSS property to change the border of an element to RGB 196, 169, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

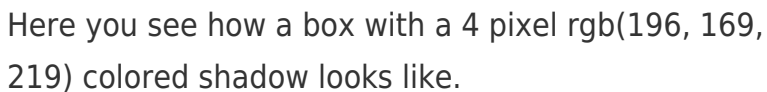
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 169, 219) }
```

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

```
.border{ border-color:rgb(196, 169, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 169, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 169, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 169, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 169,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 196, 169, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 169, 219) }
```

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

```
.background{ background-color: rgb(196,  
169, 219) }
```

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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