

Converting Colors

RGB(200, 149, 189)

Have a look what the booklet for
RGB(200, 149, 189) contains.

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Color

RGB(200, 149, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C895BD
RGB	200, 149, 189
RGB Percent	78%, 58%, 74%
CMY	0.2157, 0.4157, 0.2588
CMYK	0.00, 0.25, 0.05, 0.22
HSL	313°, 32%, 68%
HSV	313°, 25%, 78%
XYZ	43.7522, 37.4484, 53.0664
YIQ	168.8090, 17.5560, 23.2520

Conversions

Conversions Part 2

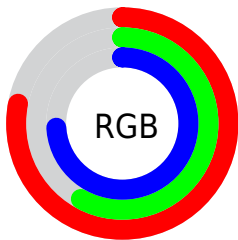
Format	Color
R _Y B	200, 149, 189
Decimal	13145533
CIE Lab	67.61, 25.67, -13.23
CIE LCh	68, 28.876, 332.724
Yxy	37.4484, 0.3259, 0.2789
Android (android.graphics.Color)	4291335613 (0xFFC895BD)
YUV	168.8090, 9.9542, 27.3545
Hunter-Lab	61.1951, 20.5294, -8.5778

Details

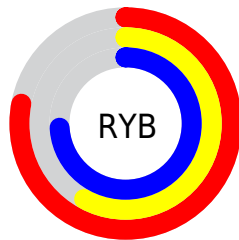
The RGB color `200, 149, 189` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `149, 200, 160`, and the grayscale version is `169, 169, 169`.

A 20% lighter version of the original color is `255, 204, 245`, and `145, 98, 136` is the 20% darker color. If you saturate the color by 10%, you get `200, 129, 185`, and if you desaturate by 10%, it is `200, 169, 193`.

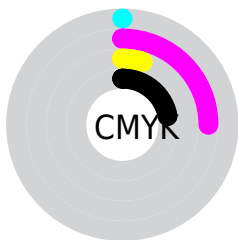
Distribution



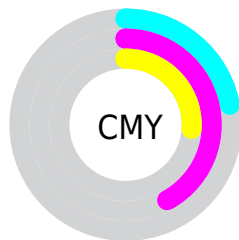
- Red (78%)
- Green (58%)
- Blue (74%)



- Red (78%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (22%)




- Cyan (22%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 149, 189 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 200, 149, 189 by changing the saturation by 10% instead.


 200, 149, 189

255, 255, 255

 255, 204, 245


 255, 232, 255

 200, 149, 189

 172, 123, 162


 145, 98, 136

 119, 73, 110

 94, 50, 86

 69, 27, 63

 46, 5, 41

 24, 0, 20


 0, 0, 0


 200, 149, 189


 200, 149, 189

 200, 129, 185


 200, 169, 193

 200, 109, 180

 200, 189, 198

 200, 89, 176


 200, 209, 202

 200, 69, 172

 200, 229, 206

 200, 49, 167

 200, 249, 211

 200, 29, 163

 200, 255, 215

 200, 9, 159

 200, 255, 219

 200, 0, 157

 200, 255, 224

 200, 255, 228

Harmonies

Analogous

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



171, 157, 208



200, 149, 189



215, 145, 163

Triad

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



200, 149, 189



181, 164, 113



81, 178, 192

Complementary

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



200, 149, 189



149, 200, 160

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.



95, 179, 166



200, 149, 189



153, 172, 120

Square

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



200, 149, 189



203, 155, 119



122, 177, 140



98, 174, 210

Rectangle

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



200, 149, 189



217, 146, 146



122, 177, 140



83, 179, 184

Sweetspot

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



200, 149, 189



255, 235, 251



159, 149, 200



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



200, 149, 189



255, 176, 238



200, 149, 164



99, 90, 97



163, 0, 128



36, 0, 28

Inverse Universe

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



200, 149, 189



255, 176, 238



149, 200, 185



99, 90, 97



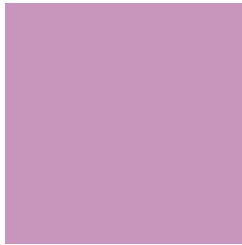
163, 0, 128



36, 0, 28

Previews

White Background



This preview shows how the RGB color 200, 149, 189 looks on a white background.

Color Contrast Check

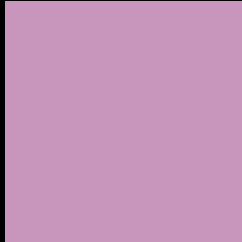
Large Text (above 18pt) WCAG AA × Fail

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 200, 149, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

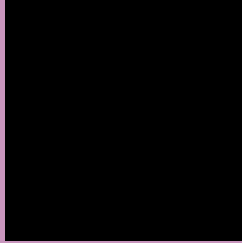
Any Text WCAG AA ✓ Pass

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 200, 149, 189 Background



This preview shows how black text looks on a background with the RGB color 200, 149, 189.



This preview shows how white text looks on a background with the RGB color 200, 149, 189.

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
200, 149, 189

Protanopia
157, 163, 199

Deuteranopia
171, 161, 187



Tritanopia
197, 153, 165

Trichromacy



Original Color

200, 149, 189

Protanomaly

173, 158, 195

Deuteranomaly

182, 157, 188

Tritanomaly

198, 152, 174

Monochromacy



Original Color

200, 149, 189

Achromatopsia

169, 169, 169

Achromatomaly

180, 162, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 149, 189 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(200, 149, 189) looks like.

```
.text, #text, p{  
    color:rgb(200, 149, 189)  
}
```

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(200, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 149, 189) }
```

Border

The CSS property to change the border of an element to RGB 200, 149, 189 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(200, 149, 189) }
```

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

```
.border{ border-color:rgb(200, 149, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 149, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 149, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 149,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 200, 149, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 149, 189) }
```

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

```
.background{ background-color: rgb(200,  
149, 189) }
```

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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