

Converting Colors

RGB(203, 144, 209)

Have a look what the booklet for
RGB(203, 144, 209) contains.

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Color

RGB(203, 144, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CB90D1
RGB	203, 144, 209
RGB Percent	80%, 56%, 82%
CMY	0.2039, 0.4353, 0.1804
CMYK	0.03, 0.31, 0.00, 0.18
HSL	294°, 41%, 69%
HSV	294°, 31%, 82%
XYZ	46.1105, 37.2465, 65.0806
YIQ	169.0510, 14.2990, 32.7230

Conversions

Conversions Part 2

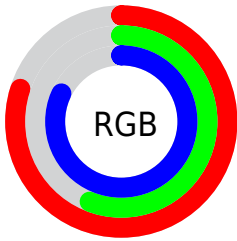
Format	Color
R _Y B	203, 144, 209
Decimal	13340881
CIE _{Lab}	67.46, 33.13, -24.57
CIE _{LCh}	67, 41.248, 323.435
Yxy	37.2465, 0.3106, 0.2509
Android (android.graphics.Color)	4291530961 (0xFFFCB90D1)
YUV	169.0510, 19.6949, 29.7733
Hunter-Lab	61.0299, 28.0615, -20.5043

Details

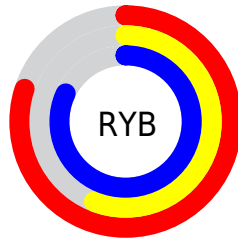
The RGB color `203, 144, 209` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `150, 209, 144`, and the grayscale version is `169, 169, 169`.

A 20% lighter version of the original color is `255, 199, 255`, and `148, 93, 154` is the 20% darker color. If you saturate the color by 10%, you get `201, 123, 209`, and if you desaturate by 10%, it is `205, 165, 209`.

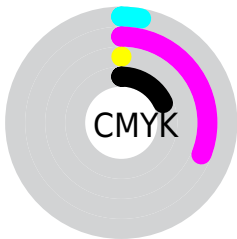
Distribution



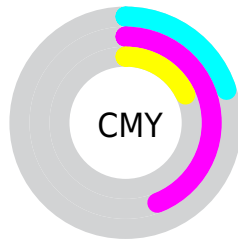
- Red (80%)
- Green (56%)
- Blue (82%)



- Red (80%)
- Yellow (56%)
- Blue (82%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 144, 209 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 203, 144, 209 by changing the saturation by 10% instead.


 203, 144, 209

 203, 144, 209


255, 255, 255

 175, 118, 181


 255, 199, 255

 148, 93, 154

 255, 227, 255

 121, 68, 128

 96, 44, 103

 71, 20, 79

 47, 0, 56


 26, 0, 34

 0, 0, 7

 0, 0, 0

 203, 144, 209

 203, 144, 209

 201, 123, 209


 205, 165, 209

 199, 102, 209


 207, 186, 209

 197, 81, 209


 209, 207, 209

 195, 60, 209

 211, 228, 209

 193, 39, 209

 213, 249, 209

 191, 19, 209

 215, 255, 209

 190, 0, 209

 217, 255, 209

 218, 255, 209

 220, 255, 209

Harmonies

Analogous

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



156, 158, 232



203, 144, 209



230, 135, 174

Triad

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



203, 144, 209



195, 159, 90



0, 183, 193

Complementary

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



203, 144, 209



150, 209, 144

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.



58, 183, 155



203, 144, 209



158, 171, 94

Square

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



203, 144, 209



222, 146, 106



115, 179, 119



0, 179, 223

Rectangle

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



203, 144, 209



236, 135, 149



115, 179, 119



0, 184, 180

Sweetspot

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



203, 144, 209



253, 232, 255



144, 150, 209



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 144, 209



246, 161, 255



209, 144, 183



104, 94, 105



153, 0, 168



37, 0, 41

Inverse Universe

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



209, 144, 150



255, 161, 169



144, 209, 170



105, 94, 95



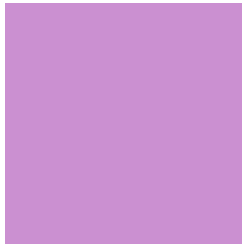
168, 0, 16



41, 0, 4

Previews

White Background



This preview shows how the RGB color 203, 144, 209 looks on a white background.

Color Contrast Check

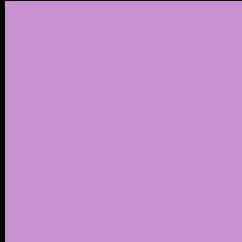
Large Text (above 18pt) WCAG AA × Fail

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 203, 144, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

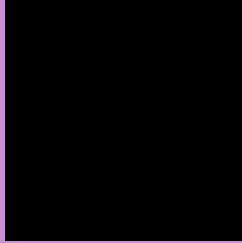
Any Text WCAG AA ✓ Pass

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 203, 144, 209 Background



This preview shows how black text looks on a background with the RGB color 203, 144, 209.

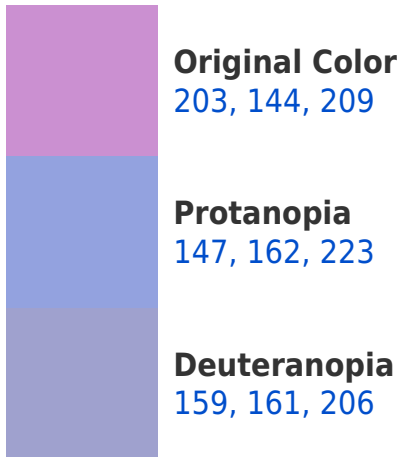


This preview shows how white text looks on a background with the RGB color 203, 144, 209.

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
197, 153, 165

Trichromacy



Original Color

203, 144, 209



Protanomaly

167, 155, 218



Deuteranomaly

175, 155, 207



Tritanomaly

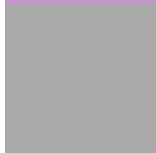
199, 150, 181

Monochromacy



Original Color

203, 144, 209



Achromatopsia

169, 169, 169



Achromatomaly

181, 160, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 144, 209 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(203, 144, 209)` looks like.

```
.text, #text, p{  
  color:rgb(203, 144, 209)  
}
```

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(203, 144, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 209) }
```

Border

The CSS property to change the border of an element to RGB 203, 144, 209 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(203, 144, 209) }
```

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

```
.border{ border-color:rgb(203, 144, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 144, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 144, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 144, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 144,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 203, 144, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 144, 209) }
```

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

```
.background{ background-color: rgb(203,  
144, 209) }
```

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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