

Converting Colors

RGB(204, 142, 195)

Have a look what the booklet for
RGB(204, 142, 195) contains.

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Color

RGB(204, 142, 195)

Conversions

Conversions Part 1

Format	Color
Hex	CC8EC3
RGB	204, 142, 195
RGB Percent	80%, 56%, 76%
CMY	0.2000, 0.4431, 0.2353
CMYK	0.00, 0.30, 0.04, 0.20
HSL	309°, 38%, 68%
HSV	309°, 30%, 80%
XYZ	44.4252, 36.1235, 56.2608
YIQ	166.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

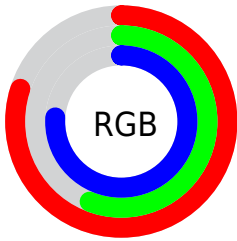
Format	Color
R_{YB}	204, 142, 195
Decimal	13405891
CIE Lab	66.61, 31.94, -18.05
CIE LCh	67, 36.684, 330.524
Yxy	36.1235, 0.3247, 0.2640
Android (android.graphics.Color)	4291595971 (0xFFCC8EC3)
YUV	166.5800, 14.0111, 32.8173
Hunter-Lab	60.1028, 26.7588, -13.4280

Details

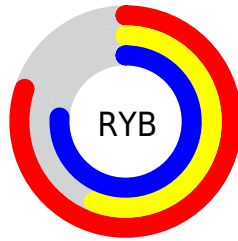
The RGB color **204, 142, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 204, 151**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 196, 252**, and **149, 91, 141** is the 20% darker color. If you saturate the color by 10%, you get **204, 122, 192**, and if you desaturate by 10%, it is **204, 162, 198**.

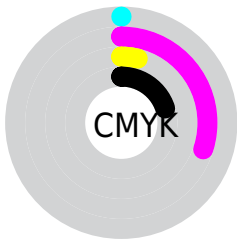
Distribution



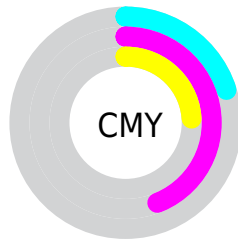
- Red (80%)
- Green (56%)
- Blue (76%)



- Red (80%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 142, 195 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 204, 142, 195 by changing the saturation by 10% instead.

 204, 142, 195


255, 255, 255

 255, 196, 252

 255, 225, 255

 255, 253, 255

 204, 142, 195

 176, 116, 168

 149, 91, 141

 122, 66, 116


 97, 42, 91


 72, 18, 67


 48, 0, 45

 25, 0, 24


 0, 0, 0

 204, 142, 195

 204, 142, 195

 204, 122, 192


 204, 162, 198

 204, 101, 189

 204, 183, 201

 204, 81, 186

 204, 203, 204

 204, 60, 183

 204, 224, 207

 204, 40, 180

 204, 244, 210

 204, 20, 177

 204, 255, 213

 204, 0, 174

 204, 255, 216

 204, 255, 219

 204, 255, 222

Harmonies

Analogous

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



166, 153, 219



204, 142, 195



224, 136, 163

Triad

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



204, 142, 195



183, 160, 95



10, 179, 194

Complementary

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



204, 142, 195



142, 204, 151

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.



63, 180, 161



204, 142, 195



149, 170, 104

Square

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



204, 142, 195



210, 149, 105



109, 177, 128



54, 174, 219

Rectangle

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



204, 142, 195



226, 137, 141



109, 177, 128



27, 179, 184

Sweetspot

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



204, 142, 195



255, 232, 252



150, 142, 204



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



204, 142, 195



255, 163, 242



204, 142, 165



102, 92, 101



166, 0, 142



38, 0, 33

Inverse Universe

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



204, 142, 195



255, 163, 242



142, 204, 181



102, 92, 101



166, 0, 142



38, 0, 33

Previews

White Background



This preview shows how the RGB color 204, 142, 195 looks on a white background.

Color Contrast Check

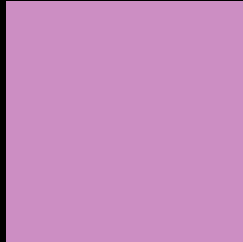
Large Text (above 18pt) WCAG AA × Fail

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 204, 142, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

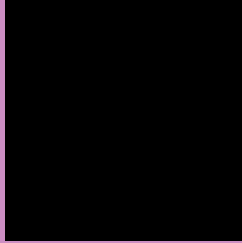
Any Text WCAG AA ✓ Pass

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 204, 142, 195 Background



This preview shows how black text looks on a background with the RGB color 204, 142, 195.

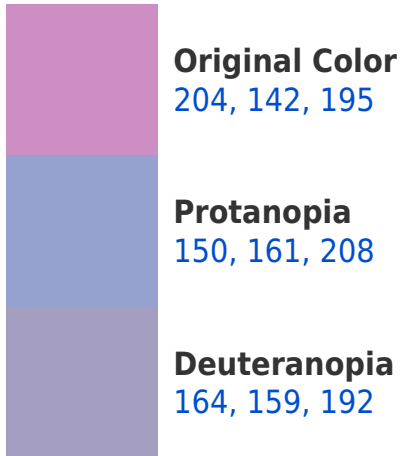


This preview shows how white text looks on a background with the RGB color 204, 142, 195.

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
199, 149, 160

Trichromacy



Original Color
204, 142, 195

Protanomaly
170, 154, 203

Deuteranomaly
179, 153, 193

Tritanomaly
201, 146, 173

Monochromacy



Original Color
204, 142, 195

Achromatopsia
167, 167, 167

Achromatomaly
180, 158, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 142, 195 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(204, 142, 195) looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 195)  
}
```

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(204, 142, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 195) }
```

Border

The CSS property to change the border of an element to RGB 204, 142, 195 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(204, 142, 195) }
```

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

```
.border{ border-color:rgb(204, 142, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 142, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 204, 142, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 142, 195) }
```

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

```
.background{ background-color: rgb(204,  
142, 195) }
```

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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