

Converting Colors

RGB(204, 142, 206)

Have a look what the booklet for
RGB(204, 142, 206) contains.

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Color

RGB(204, 142, 206)

Conversions

Conversions Part 1

Format	Color
Hex	CC8ECE
RGB	204, 142, 206
RGB Percent	80%, 56%, 81%
CMY	0.2000, 0.4431, 0.1922
CMYK	0.01, 0.31, 0.00, 0.19
HSL	298°, 40%, 68%
HSV	298°, 31%, 81%
XYZ	45.7154, 36.6396, 63.0552
YIQ	167.8340, 16.4080, 33.0480

Conversions

Conversions Part 2

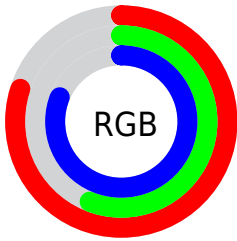
Format	Color
RYB	204, 142, 206
Decimal	13405902
CIELab	67.01, 33.97, -23.59
CIELCh	67, 41.358, 325.219
Yxy	36.6396, 0.3144, 0.2520
Android (android.graphics.Color)	4291595982 (0xFFCC8ECE)
YUV	167.8340, 18.8158, 31.7176
Hunter-Lab	60.5307, 28.8824, -19.3913

Details

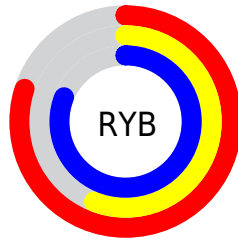
The RGB color `204, 142, 206` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `144, 206, 142`, and the grayscale version is `168, 168, 168`.

A 20% lighter version of the original color is `255, 196, 255`, and `149, 91, 152` is the 20% darker color. If you saturate the color by 10%, you get `203, 121, 206`, and if you desaturate by 10%, it is `205, 163, 206`.

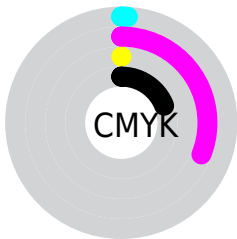
Distribution



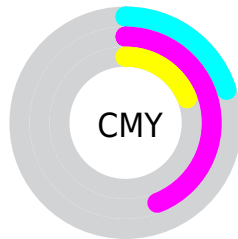
- Red (80%)
- Green (56%)
- Blue (81%)



- Red (80%)
- Yellow (56%)
- Blue (81%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 142, 206 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, 206 by changing the saturation by 10% instead.

 204, 142, 206

 204, 142, 206

255, 255, 255

 176, 116, 178

 255, 196, 255

 149, 91, 152

 255, 225, 255

 122, 66, 126

255, 254, 255

 97, 42, 100


 72, 18, 76


 48, 0, 53


 26, 0, 32

 0, 0, 3

 0, 0, 0

 204, 142, 206

 204, 142, 206

 203, 121, 206


 205, 163, 206

 203, 101, 206


 205, 183, 206

 202, 80, 206


 206, 204, 206

 201, 60, 206

 207, 224, 206

 201, 39, 206

 207, 245, 206

 200, 18, 206

 208, 255, 206

 200, 0, 206

 209, 255, 206

 209, 255, 206

 210, 255, 206

Harmonies

Analogous

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



158, 156, 230



204, 142, 206



230, 134, 171

Triad

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



204, 142, 206



192, 159, 88



0, 182, 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, 206



144, 206, 142

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.



51, 182, 156



204, 142, 206



155, 170, 94

Square

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



204, 142, 206



220, 146, 103



111, 178, 119



0, 178, 223

Rectangle

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



204, 142, 206



235, 134, 145



111, 178, 119



0, 183, 181

Sweetspot

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



204, 142, 206



254, 232, 255



142, 144, 206



127, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 142, 206



252, 161, 255



206, 142, 176



102, 92, 102



161, 0, 166



37, 0, 38

Inverse Universe

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



206, 142, 144



255, 161, 164



142, 206, 172



102, 92, 92



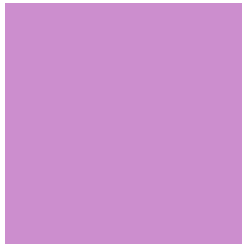
166, 0, 5



38, 0, 1

Previews

White Background



This preview shows how the RGB color 204, 142, 206 looks on a white background.

Color Contrast Check

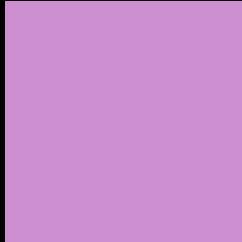
Large Text (above 18pt) WCAG AA × Fail

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, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

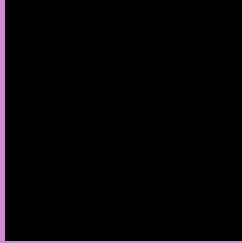
Any Text WCAG AA ✓ Pass

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, 206 Background



This preview shows how black text looks on a background with the RGB color 204, 142, 206.

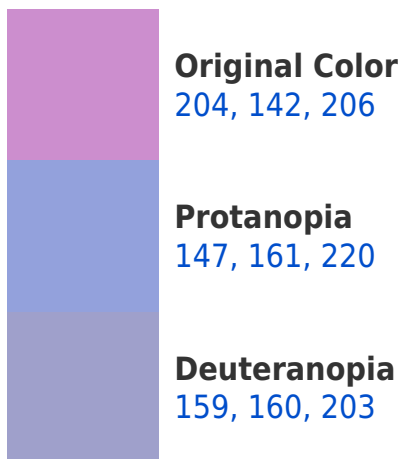


This preview shows how white text looks on a background with the RGB color 204, 142, 206.

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
198, 151, 162

Trichromacy



Original Color

204, 142, 206



Protanomaly

168, 154, 215



Deuteranomaly

175, 153, 204



Tritanomaly

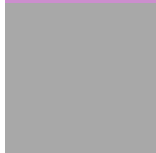
200, 148, 178

Monochromacy



Original Color

204, 142, 206



Achromatopsia

168, 168, 168



Achromatomaly

181, 159, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 142, 206 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 206) }
```

Border

The CSS property to change the border of an element to RGB 204, 142, 206 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, 206) }
```

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

```
.border{ border-color:rgb(204, 142, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 204, 142, 206 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, 206) }
```

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

```
.background{ background-color: rgb(204,  
142, 206) }
```

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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