

Converting Colors

`RYB(207, 148, 213)`

Have a look what the booklet for
RYB(207, 148, 213) contains.

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Color

R_YB(207, 148, 213)

Conversions

Conversions Part 1

Format	Color
Hex	CF94D5
RGB	207, 148, 213
RGB Percent	81%, 58%, 84%
CMY	0.1882, 0.4196, 0.1647
CMYK	0.03, 0.31, 0.00, 0.16
HSL	294°, 44%, 71%
HSV	294°, 31%, 84%
XYZ	48.3323, 39.2493, 67.9793
YIQ	173.0510, 14.2990, 32.7230

Conversions

Conversions Part 2

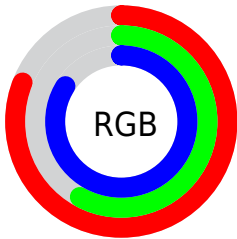
Format	Color
R_{YB}	207, 148, 213
Decimal	13604053
CIE _{Lab}	68.93, 33.00, -24.50
CIE _{LCh}	69, 41.106, 323.409
Yxy	39.2493, 0.3107, 0.2523
Android (android.graphics.Color)	4291794133 (0xFFCF94D5)
YUV	173.0510, 19.6949, 29.7733
Hunter-Lab	62.6493, 28.0719, -20.4797

Details

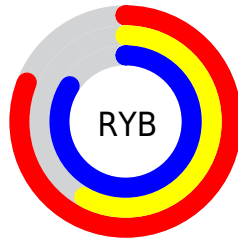
The RYB color `207, 148, 213` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `148, 213, 207`, and the grayscale version is `173, 173, 173`.

A 20% lighter version of the original color is `255, 203, 255`, and `152, 96, 158` is the 20% darker color. If you saturate the color by 10%, you get `205, 127, 213`, and if you desaturate by 10%, it is `209, 169, 213`.

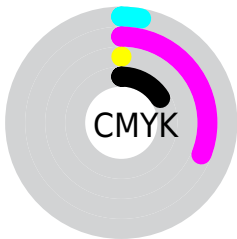
Distribution



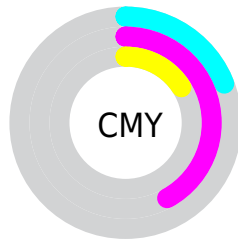
- Red (81%)
- Green (58%)
- Blue (84%)



- Red (81%)
- Yellow (58%)
- Blue (84%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 148, 213 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 RYB color 207, 148, 213 by changing the saturation by 10% instead.

 207, 148, 213

255, 255, 255


 255, 203, 255

 255, 231, 255


 207, 148, 213

 179, 122, 185


 152, 96, 158

 125, 72, 132

 99, 48, 107

 74, 24, 82

 50, 0, 59

 31, 0, 37

 0, 1, 13

 0, 0, 0


 207, 148, 213


 207, 148, 213

 205, 127, 213

 209, 169, 213

 203, 105, 213

 211, 191, 213

 201, 84, 213


 213, 212, 213

 199, 63, 213

 213, 233, 231

 197, 42, 213

 213, 255, 251

 195, 20, 213

 213, 255, 249

 193, 0, 213

 213, 255, 247

 213, 255, 245

 213, 255, 243

Harmonies

Analogous

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



160, 162, 236



207, 148, 213



234, 139, 178

Triad

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



207, 148, 213



149, 199, 94



0, 96, 197

Complementary

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



207, 148, 213



148, 213, 207

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.



64, 134, 187



207, 148, 213



98, 175, 111

Square

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



207, 148, 213



227, 171, 110



119, 179, 183



0, 101, 227

Rectangle

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



207, 148, 213



240, 139, 153



119, 179, 183



0, 95, 188

Sweetspot

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



207, 148, 213



253, 232, 255



148, 154, 213



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 148, 213



246, 161, 255



213, 148, 187



106, 96, 107



155, 0, 171



39, 0, 43

Inverse Universe

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



213, 148, 154



255, 161, 169



148, 194, 213



107, 96, 97



171, 0, 16



43, 0, 4

Previews

White Background



This preview shows how the RYB color 207, 148, 213 looks on a white background.

Color Contrast Check

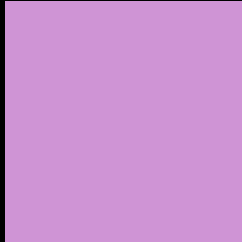
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 207, 148, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

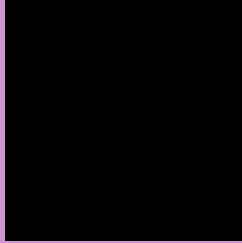
Any Text WCAG AA ✓ Pass

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](#).

RYB 207, 148, 213 Background



This preview shows how black text looks on a background with the RYB color 207, 148, 213.

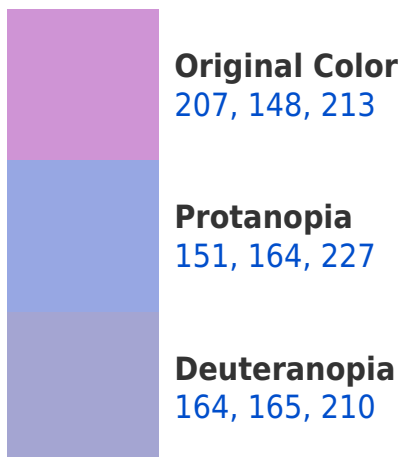


This preview shows how white text looks on a background with the RYB color 207, 148, 213.

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

201, 157, 169

Trichromacy



Original Color

207, 148, 213



Protanomaly

171, 159, 222



Deuteranomaly

180, 159, 211



Tritanomaly

203, 154, 185

Monochromacy



Original Color

207, 148, 213



Achromatopsia

173, 173, 173



Achromatomaly

185, 164, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 148, 213 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(207, 148, 213) looks like.

```
.text, #text, p{  
    color:rgb(207, 148, 213)  
}
```

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(207, 148, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 148, 213) }
```

Border

The CSS property to change the border of an element to RYB 207, 148, 213 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(207, 148, 213) }
```

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

```
.border{ border-color:rgb(207, 148, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 148, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 148, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 148, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 148,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 207, 148, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 148, 213) }
```

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

```
.background{ background-color: rgb(207,  
148, 213) }
```

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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