

Converting Colors

`RYB(208, 149, 196)`

Have a look what the booklet for
RYB(208, 149, 196) contains.

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Color

R_YB(208, 149, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D095C4
RGB	208, 149, 196
RGB Percent	82%, 58%, 77%
CMY	0.1843, 0.4157, 0.2314
CMYK	0.00, 0.28, 0.06, 0.18
HSL	312°, 39%, 70%
HSV	312°, 28%, 82%
XYZ	46.7237, 38.8903, 57.2685
YIQ	171.9990, 20.0770, 27.1250

Conversions

Conversions Part 2

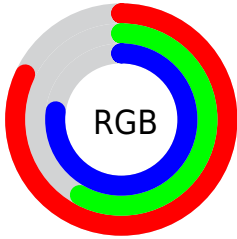
Format	Color
R _Y B	208, 149, 196
Decimal	13669828
CIE Lab	68.67, 29.65, -15.46
CIE LCh	69, 33.434, 332.466
Yxy	38.8903, 0.3270, 0.2722
Android (android.graphics.Color)	4291859908 (0xFFD095C4)
YUV	171.9990, 11.8325, 31.5729
Hunter-Lab	62.3621, 24.6042, -10.7939

Details

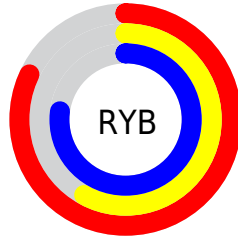
The RYB color **208, 149, 196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 198, 208**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 204, 253**, and **153, 97, 142** is the 20% darker color. If you saturate the color by 10%, you get **208, 128, 192**, and if you desaturate by 10%, it is **208, 170, 200**.

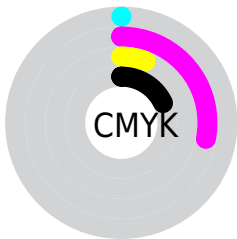
Distribution



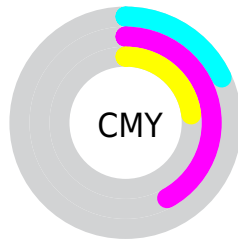
- Red (82%)
- Green (58%)
- Blue (77%)



- Red (82%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 149, 196 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 208, 149, 196 by changing the saturation by 10% instead.

 208, 149, 196

255, 255, 255


 255, 204, 253


 255, 232, 255

 208, 149, 196

 180, 123, 169

 153, 97, 142

 126, 73, 117

 101, 49, 92


 76, 26, 68

 52, 2, 46

 32, 0, 26

 0, 0, 0

 208, 149, 196


 208, 149, 196

 208, 128, 192


 208, 170, 200

 208, 107, 188

 208, 191, 204

 208, 87, 183

 208, 210, 211

 208, 66, 179

 208, 228, 232

 208, 45, 175

 208, 246, 253

 208, 24, 171

 208, 245, 255

 208, 3, 166

 208, 242, 255

 208, 0, 166

 208, 240, 255

 208, 238, 255

Harmonies

Analogous

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



175, 159, 219



208, 149, 196



225, 144, 166

Triad

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



208, 149, 196



134, 186, 107



59, 125, 199

Complementary

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



208, 149, 196



149, 198, 208

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.



81, 137, 184



208, 149, 196



116, 175, 137

Square

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



208, 149, 196



211, 187, 115



118, 165, 181



83, 139, 220

Rectangle

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



208, 149, 196



227, 146, 146



118, 165, 181



63, 125, 190

Sweetspot

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



208, 149, 196



255, 232, 250



161, 149, 208



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



208, 149, 196



255, 168, 237



208, 149, 167



105, 94, 102



168, 0, 134



41, 0, 33

Inverse Universe

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



208, 149, 196



255, 168, 237



149, 184, 208



105, 94, 102



168, 0, 134



41, 0, 33

Previews

White Background



This preview shows how the RYB color 208, 149, 196 looks on a white background.

Color Contrast Check

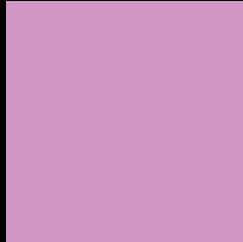
Large Text (above 18pt) WCAG AA × Fail

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 208, 149, 196 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 208, 149, 196 Background



This preview shows how black text looks on a background with the RYB color 208, 149, 196.

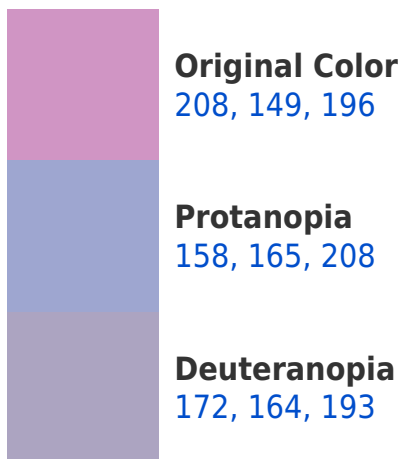



This preview shows how white text looks on a background with the RYB color 208, 149, 196.

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
204, 154, 166

Trichromacy



Original Color

208, 149, 196



Protanomaly

176, 160, 204



Deuteranomaly

185, 159, 194



Tritanomaly

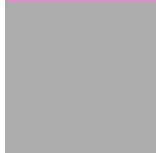
205, 152, 177

Monochromacy



Original Color

208, 149, 196



Achromatopsia

172, 172, 172



Achromatomaly

185, 164, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 149, 196 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(208, 149, 196) looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 196)  
}
```

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(208, 149, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 196) }
```

Border

The CSS property to change the border of an element to RYB 208, 149, 196 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(208, 149, 196) }
```

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

```
.border{ border-color:rgb(208, 149, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 208, 149, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 196) }
```

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

```
.background{ background-color: rgb(208,  
149, 196) }
```

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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