

Converting Colors

`RYB(206, 158, 165)`

Have a look what the booklet for
RYB(206, 158, 165) contains.

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Color

R_YB(206, 158, 165)

Conversions

Conversions Part 1

Format	Color
Hex	CE9EA5
RGB	206, 158, 165
RGB Percent	81%, 62%, 65%
CMY	0.1922, 0.3804, 0.3529
CMYK	0.00, 0.23, 0.20, 0.19
HSL	351°, 33%, 71%
HSV	351°, 23%, 81%
XYZ	44.4720, 40.2921, 41.0305
YIQ	173.1500, 26.3610, 12.3530

Conversions

Conversions Part 2

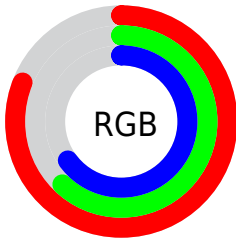
Format	Color
R _Y B	206, 158, 165
Decimal	13541029
CIE Lab	69.68, 18.87, 3.26
CIE LCh	70, 19.149, 9.801
Yxy	40.2921, 0.3535, 0.3203
Android (android.graphics.Color)	4291731109 (0xFFCE9EA5)
YUV	173.1500, -4.0179, 28.8095
Hunter-Lab	63.4761, 13.9757, 6.1086

Details

The RYB color **206, 158, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 184, 206**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 213, 220**, and **151, 106, 113** is the 20% darker color. If you saturate the color by 10%, you get **206, 137, 147**, and if you desaturate by 10%, it is **206, 179, 183**.

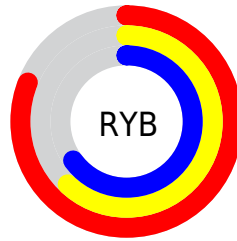
Distribution



Red (81%)

Green (62%)

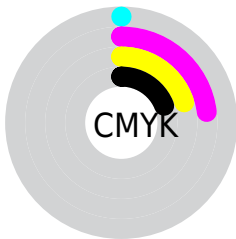
Blue (65%)



Red (81%)

Yellow (62%)

Blue (65%)

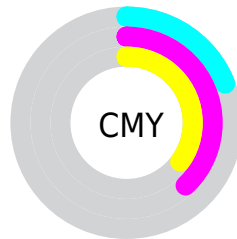


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (19%)



Cyan (19%)

Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 206, 158, 165 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 206, 158, 165 by changing the saturation by 10% instead.


 206, 158, 165

 206, 158, 165


255, 255, 255

 178, 132, 139

 255, 213, 220


 151, 106, 113

 255, 241, 248

 124, 82, 89

 99, 58, 66


 74, 36, 44

 50, 15, 23

 31, 0, 1

 0, 0, 0

 206, 158, 165


 206, 158, 165

 206, 137, 147

 206, 179, 183

 206, 117, 130

 206, 199, 200

 206, 96, 112

 206, 214, 220

 206, 76, 95

 206, 224, 240

 206, 55, 77

 206, 231, 255

 206, 34, 59

 206, 231, 255

 206, 14, 42

 206, 0, 30

Harmonies

Analogous

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



198, 159, 183



206, 158, 165



205, 163, 149

Triad

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



206, 158, 165



143, 176, 161



136, 161, 202

Complementary

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



206, 158, 165



158, 184, 206

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.



124, 154, 192



206, 158, 165



139, 166, 179

Square

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



206, 158, 165



144, 178, 136



126, 154, 180



158, 168, 204

Rectangle

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



206, 158, 165



199, 176, 141



126, 154, 180



131, 159, 200

Sweetspot

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



206, 158, 165



255, 237, 240



199, 158, 206



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

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



206, 158, 165



255, 184, 194



206, 184, 158



102, 92, 93



166, 0, 24



38, 0, 6

Inverse Universe

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



206, 158, 165



255, 184, 194



158, 177, 206



102, 92, 93



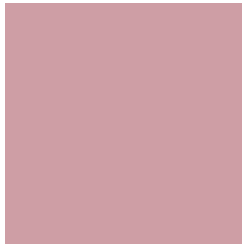
166, 0, 24



38, 0, 6

Previews

White Background



This preview shows how the RYB color 206, 158, 165 looks on a white background.

Color Contrast Check

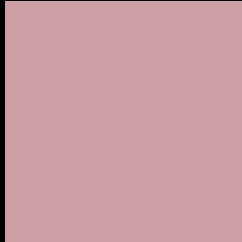
Large Text (above 18pt) WCAG AA × Fail

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 206, 158, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

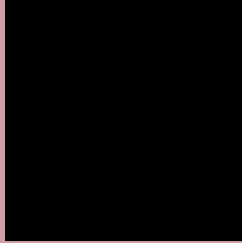
Any Text WCAG AA ✓ Pass

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 206, 158, 165 Background



This preview shows how black text looks on a background with the RYB color 206, 158, 165.



This preview shows how white text looks on a background with the RYB color 206, 158, 165.

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



Original Color
206, 158, 165

Protanopia
173, 170, 172

Deuteranopia
189, 165, 164



Tritanopia
207, 157, 169

Trichromacy



Original Color

206, 158, 165

Protanomaly

185, 166, 169

Deuteranomaly

195, 162, 164

Tritanomaly

207, 157, 168

Monochromacy



Original Color

206, 158, 165

Achromatopsia

173, 173, 173

Achromatomaly

185, 168, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 158, 165 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(206, 158, 165) looks like.

```
.text, #text, p{  
    color:rgb(206, 158, 165)  
}
```

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(206, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 158, 165) }
```

Border

The CSS property to change the border of an element to RYB 206, 158, 165 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(206, 158, 165) }
```

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

```
.border{ border-color:rgb(206, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(206, 158,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 206, 158, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 158, 165) }
```

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

```
.background{ background-color: rgb(206,  
158, 165) }
```

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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