

# Converting Colors

`RYB(225, 168, 166)`

Have a look what the booklet for  
RYB(225, 168, 166) contains.

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# Color

**R<sub>Y</sub>B(225, 168, 166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A8A6
RGB	225, 168, 166
RGB Percent	88%, 66%, 65%
CMY	0.1176, 0.3414, 0.3490
CMYK	0.00, 0.25, 0.26, 0.12
HSL	2°, 50%, 77%
HSV	2°, 26%, 88%
XYZ	51.9248, 46.7418, 42.3617
YIQ	184.8150, 34.6140, 11.4620

# Conversions

## Conversions Part 2

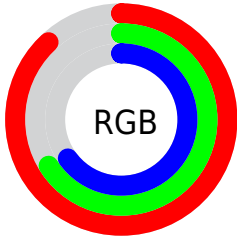
Format	Color
R <sub>Y</sub> B	225, 168, 166
Decimal	14788774
CIE Lab	74.02, 20.71, 9.21
CIE LCh	74, 22.661, 23.978
Yxy	46.7418, 0.3682, 0.3314
Android (android.graphics.Color)	4292978854 (0xFFE1A8A6)
YUV	184.8150, -9.2758, 35.2422
Hunter-Lab	68.3680, 15.9251, 11.1207

# Details

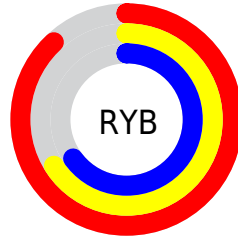
The RYB color **225, 168, 166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166, 195, 225**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 223, 221**, and **169, 116, 114** is the 20% darker color. If you saturate the color by 10%, you get **225, 146, 144**, and if you desaturate by 10%, it is **225, 190, 189**.

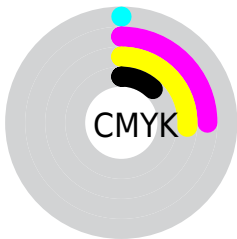
# Distribution



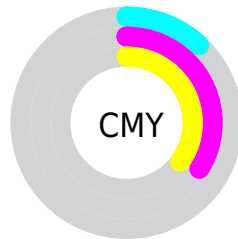
- Red (88%)
- Green (66%)
- Blue (65%)



- Red (88%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 225, 168, 166 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 225, 168, 166 by changing the saturation by 10% instead.



 225, 168, 166

 225, 168, 166

255, 255, 255

 196, 141, 140

 255, 223, 221

 169, 116, 114

 255, 253, 250

 141, 91, 90

 115, 67, 66

 89, 44, 44

 64, 22, 24

 42, 0, 0


 0, 0, 0

 225, 168, 166


 225, 168, 166

 225, 146, 144

 225, 190, 189

 225, 124, 121

 225, 211, 211

 225, 103, 99

 225, 229, 234

 225, 81, 76

 225, 240, 255

 225, 59, 54

 225, 37, 31

 225, 16, 9

 225, 7, 0

# Harmonies

## Analogous

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



221, 168, 187



225, 168, 166



218, 184, 149

# Triad

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



225, 168, 166



156, 190, 191



152, 175, 223

# Complementary

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



225, 168, 166



166, 195, 225

# 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.



130, 166, 215



225, 168, 166



135, 169, 194

# Square

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



225, 168, 166



144, 186, 150



124, 160, 198



180, 178, 220

# Rectangle

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



225, 168, 166



200, 208, 142



124, 160, 198



143, 171, 221



# Sweetspot

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



225, 168, 166



255, 235, 235



225, 166, 224



128, 115, 115



0, 0, 0



128, 128, 128



# Same Dimension

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



225, 168, 166



255, 179, 176



223, 225, 166



112, 101, 101



176, 6, 0



48, 2, 0

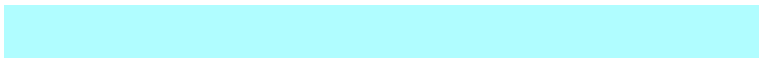


# Inverse Universe

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



166, 195, 225



176, 215, 255



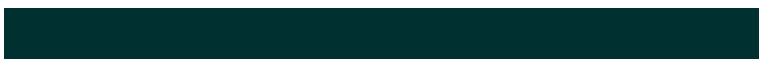
166, 185, 225



101, 107, 112



0, 86, 176



0, 24, 48



# Previews

## White Background



This preview shows how the RYB color 225, 168, 166 looks on a white background.

## Color Contrast Check

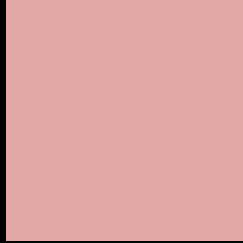
Large Text (above 18pt) WCAG AA × Fail

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 225, 168, 166 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 225, 168, 166 Background



This preview shows how black text looks on a background with the RGB color 225, 168, 166.



This preview shows how white text looks on a background with the RGB color 225, 168, 166.

# 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**  
225, 168, 166

**Protanopia**  
183, 188, 173

**Deuteranopia**  
206, 180, 165



**Tritanopia**  
226, 166, 179

# Trichromacy



**Original Color**

225, 168, 166

**Protanomaly**

201, 179, 170

**Deuteranomaly**

213, 175, 165

**Tritanomaly**

226, 167, 174

# Monochromacy



**Original Color**

225, 168, 166

**Achromatopsia**

185, 185, 185

**Achromatomaly**

200, 179, 178

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 225, 168, 166 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(225, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(225, 168, 166)  
}
```

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(225, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 168, 166) }
```

## Border

The CSS property to change the border of an element to RYB 225, 168, 166 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(225, 168, 166) }
```

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

```
.border{ border-color:rgb(225, 168, 166) }
```

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

Here you see how a box with a 4 pixel rgb(225, 168, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(225, 168,  
166) }
```

# Background

The CSS property to change the background color of an element to RYB 225, 168, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 168, 166) }
```

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

```
.background{ background-color: rgb(225,  
168, 166) }
```

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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