

Converting Colors

`RYB(218, 190, 197)`

Have a look what the booklet for RYB(218, 190, 197) contains.

RYB(218, 190, 197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(218, 190, 197)$

Conversions

Conversions Part 1

Format	Color
Hex	DABEC5
RGB	218, 190, 197
RGB Percent	85%, 75%, 77%
CMY	0.1451, 0.2549, 0.2275
CMYK	0.00, 0.13, 0.10, 0.15
HSL	345°, 27%, 80%
HSV	345°, 13%, 85%
XYZ	57.4049, 55.7636, 60.5612
YIQ	199.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

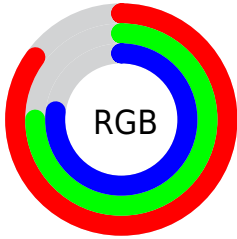
Format	Color
R _Y B	218, 190, 197
Decimal	14335685
CIE Lab	79.48, 11.10, 0.14
CIE LCh	79, 11.096, 0.728
Yxy	55.7636, 0.3304, 0.3210
Android (android.graphics.Color)	4292525765 (0xFFDABEC5)
YUV	199.1700, -1.0698, 16.5139
Hunter-Lab	74.6750, 6.5371, 4.1885

Details

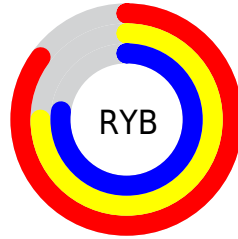
The RYB color **218, 190, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 206, 218**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 246, 254**, and **163, 137, 143** is the 20% darker color. If you saturate the color by 10%, you get **218, 168, 181**, and if you desaturate by 10%, it is **218, 212, 213**.

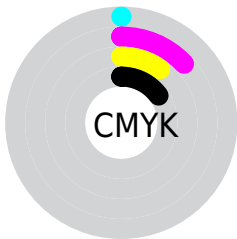
Distribution



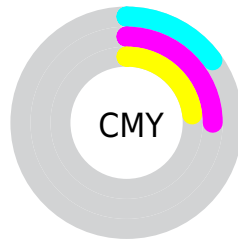
- Red (85%)
- Green (75%)
- Blue (77%)



- Red (85%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 190, 197 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 218, 190, 197 by changing the saturation by 10% instead.

 218, 190, 197

255, 255, 255

 255, 246, 254

 218, 190, 197


 190, 163, 170


 163, 137, 143

 136, 111, 118


 111, 87, 93

 86, 63, 70

 63, 41, 47


 40, 21, 27

 20, 0, 0

 0, 0, 0

 218, 190, 197

 218, 190, 197

 218, 168, 181


 218, 212, 213

 218, 146, 164

 218, 227, 234


 218, 125, 148


 218, 239, 255


 218, 103, 132

 218, 237, 255

 218, 81, 115

 218, 59, 99

 218, 37, 83

 218, 16, 66

 218, 0, 55

Harmonies

Analogous

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



211, 191, 207



218, 190, 197



219, 192, 187

Triad

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



218, 190, 197



179, 200, 185



176, 191, 215

Complementary

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



218, 190, 197



190, 206, 218

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.



171, 188, 207



218, 190, 197



182, 198, 202

Square

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



218, 190, 197



189, 205, 176



174, 190, 203



186, 195, 217

Rectangle

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



218, 190, 197



217, 197, 181



174, 190, 203



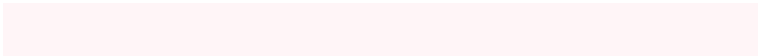
174, 190, 212

Sweetspot

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



218, 190, 197



255, 245, 247



211, 190, 218



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



218, 190, 197



255, 217, 226



218, 199, 190



110, 99, 101



173, 0, 43



46, 0, 11

Inverse Universe

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



218, 190, 197



255, 217, 226



190, 202, 218



110, 99, 101



173, 0, 43



46, 0, 11

Previews

White Background



This preview shows how the RYB color 218, 190, 197 looks on a white background.

Color Contrast Check

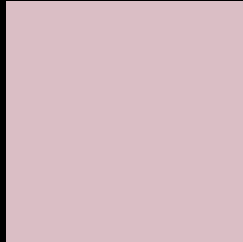
Large Text (above 18pt) WCAG AA × Fail

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 218, 190, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

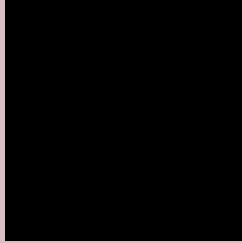
Any Text WCAG AA ✓ Pass

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](#).

R Y B 218, 190, 197 Background



This preview shows how black text looks on a background with the RYB color 218, 190, 197.



This preview shows how white text looks on a background with the RYB color 218, 190, 197.

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
218, 190, 197

Protanopia
199, 196, 200

Deuteranopia
216, 191, 197



Tritanopia
219, 189, 204

Trichromacy



Original Color

218, 190, 197

Protanomaly

206, 194, 199

Deuteranomaly

217, 191, 197

Tritanomaly

219, 189, 201

Monochromacy



Original Color

218, 190, 197

Achromatopsia

199, 199, 199

Achromatomaly

206, 196, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 190, 197 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(218, 190, 197)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 197)  
}
```

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(218, 190, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 197) }
```

Border

The CSS property to change the border of an element to RYB 218, 190, 197 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(218, 190, 197) }
```

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

```
.border{ border-color:rgb(218, 190, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 197);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 218, 190, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 197) }
```

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

```
.background{ background-color: rgb(218,  
190, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor