

Converting Colors

`RYB(218, 190, 201)`

Have a look what the booklet for RYB(218, 190, 201) contains.

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Color

$\text{RYB}(218, 190, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	DABEC9
RGB	218, 190, 201
RGB Percent	85%, 75%, 79%
CMY	0.1451, 0.2549, 0.2118
CMYK	0.00, 0.13, 0.08, 0.15
HSL	336°, 27%, 80%
HSV	336°, 13%, 85%
XYZ	57.8695, 55.9494, 63.0076
YIQ	199.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

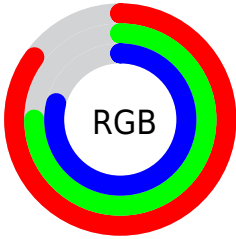
Format	Color
R _Y B	218, 190, 201
Decimal	14335689
CIE Lab	79.59, 11.78, -1.86
CIE LCh	80, 11.922, 351.015
Yxy	55.9494, 0.3273, 0.3164
Android (android.graphics.Color)	4292525769 (0xFFDABEC9)
YUV	199.6260, 0.6774, 16.1140
Hunter-Lab	74.7993, 7.2001, 2.4163

Details

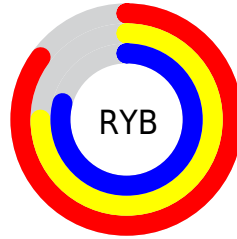
The RYB color **218, 190, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 207, 218**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 246, 255**, and **163, 137, 147** is the 20% darker color. If you saturate the color by 10%, you get **218, 168, 188**, and if you desaturate by 10%, it is **218, 212, 214**.

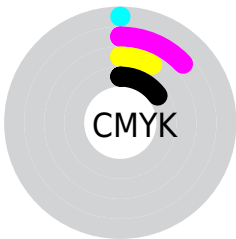
Distribution



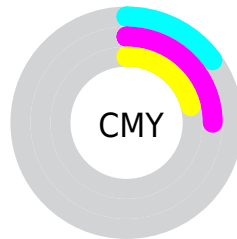
- Red (85%)
- Green (75%)
- Blue (79%)



- Red (85%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 218, 190, 201 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, 201 by changing the saturation by 10% instead.

 218, 190, 201


 218, 190, 201


255, 255, 255

 190, 163, 174

 255, 246, 255


 163, 137, 147

 137, 111, 121

 111, 87, 97

 86, 63, 73

 63, 41, 50

 41, 21, 29

 21, 0, 3

 0, 0, 0

■ 218, 190, 201

■ 218, 190, 201

■ 218, 168, 188

■ 218, 212, 214

■ 218, 146, 175

■ 218, 228, 234

■ 218, 125, 161

■ 218, 241, 255

■ 218, 103, 148

■ 218, 237, 255

■ 218, 81, 135

■ 218, 237, 255

■ 218, 59, 122

■ 218, 37, 108

■ 218, 16, 95

■ 218, 0, 86

Harmonies

Analogous

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



209, 192, 211



218, 190, 201



221, 190, 190

Triad

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



218, 190, 201



176, 199, 177



172, 190, 214

Complementary

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



218, 190, 201



190, 207, 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.



169, 187, 205



218, 190, 201



183, 202, 200

Square

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



218, 190, 201



201, 210, 175



175, 193, 204



182, 194, 219

Rectangle

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



218, 190, 201



220, 193, 183



175, 193, 204



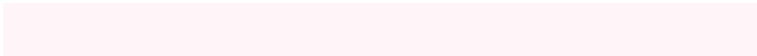
170, 188, 211

Sweetspot

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



218, 190, 201



255, 245, 249



207, 190, 218



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



218, 190, 201



255, 217, 232



218, 193, 190



110, 99, 103



173, 0, 68



46, 0, 18

Inverse Universe

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



218, 190, 201



255, 217, 232



190, 203, 218



110, 99, 103



173, 0, 68



46, 0, 18

Previews

White Background



This preview shows how the RYB color 218, 190, 201 looks on a white background.

Color Contrast Check

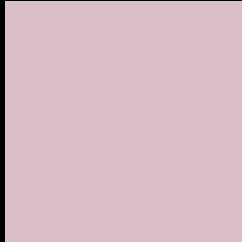
Large Text (above 18pt) WCAG AA × Fail

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, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

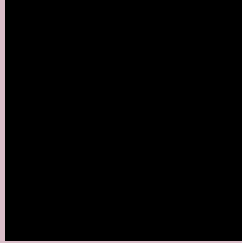
Any Text WCAG AA ✓ Pass

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 218, 190, 201 Background



This preview shows how black text looks on a background with the RYB color 218, 190, 201.



This preview shows how white text looks on a background with the RYB color 218, 190, 201.

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, 201

Protanopia
199, 196, 205

Deuteranopia
215, 191, 201



Tritanopia
218, 189, 204

Trichromacy



Original Color

218, 190, 201

Protanomaly

206, 194, 204

Deuteranomaly

216, 191, 201

Tritanomaly

218, 189, 203

Monochromacy



Original Color

218, 190, 201

Achromatopsia

200, 200, 200

Achromatomaly

207, 196, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 190, 201 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, 201) looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 201) }
```

Border

The CSS property to change the border of an element to RYB 218, 190, 201 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, 201) }
```

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

```
.border{ border-color:rgb(218, 190, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 190, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 190, 201); box-shadow:4px 4px 4px 4px rgb(218, 190, 201) }
```

Background

The CSS property to change the background color of an element to RYB 218, 190, 201 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, 201) }
```

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

```
.background{ background-color: rgb(218,  
190, 201) }
```

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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