

Converting Colors

`RYB(218, 192, 168)`

Have a look what the booklet for
RYB(218, 192, 168) contains.

RYB(218, 192, 168)	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

R_YB(218, 192, 168)

Conversions

Conversions Part 1

Format	Color
Hex	DAB8A8
RGB	218, 184, 168
RGB Percent	85%, 72%, 66%
CMY	0.1451, 0.2776, 0.3412
CMYK	0.00, 0.15, 0.23, 0.15
HSL	19°, 40%, 76%
HSV	19°, 23%, 85%
XYZ	53.1668, 52.1035, 44.3006
YIQ	192.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

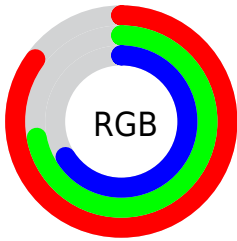
Format	Color
R _Y B	218, 192, 168
Decimal	14334120
CIE Lab	77.34, 9.64, 12.74
CIE LCh	77, 15.971, 52.890
Yxy	52.1035, 0.3555, 0.3484
Android (android.graphics.Color)	4292524200 (0xFFDAB8A8)
YUV	192.3420, -12.0006, 22.5021
Hunter-Lab	72.1827, 5.1558, 14.1400

Details

The RYB color **218, 192, 168** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **168, 188, 218**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **251, 255, 223**, and **162, 138, 116** is the 20% darker color. If you saturate the color by 10%, you get **218, 180, 146**, and if you desaturate by 10%, it is **218, 203, 190**.

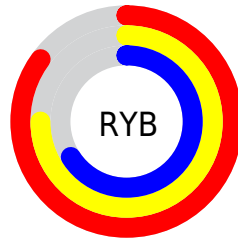
Distribution



Red (85%)

Green (72%)

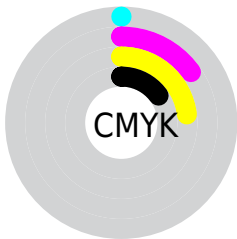
Blue (66%)



Red (85%)

Yellow (75%)

Blue (66%)

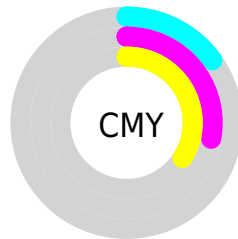


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 192, 168 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, 192, 168 by changing the saturation by 10% instead.

 218, 192, 168

255, 255, 255

 251, 255, 223

252, 255, 252

 218, 192, 168


 190, 164, 142

 162, 138, 116

 136, 114, 91

 110, 89, 68

 85, 66, 46

 61, 43, 25

 39, 27, 0


 0, 0, 0

 218, 192, 168

 218, 192, 168

 218, 180, 146

 218, 203, 190

 218, 170, 124

 218, 215, 212

 218, 158, 103


 218, 224, 233

 218, 146, 81

 218, 233, 255

 218, 136, 59

 218, 237, 255

 218, 125, 37

 218, 113, 15

 218, 105, 0

Harmonies

Analogous

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



223, 181, 180



218, 192, 168



190, 206, 162

Triad

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



218, 192, 168



159, 183, 200



189, 188, 218

Complementary

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



218, 192, 168



168, 188, 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, 186, 220



218, 192, 168



153, 177, 202

Square

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



218, 192, 168



173, 197, 196



157, 181, 214



207, 184, 209

Rectangle

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



218, 192, 168



167, 196, 162



157, 181, 214



183, 189, 220

Sweetspot

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



218, 192, 168



255, 246, 237



218, 168, 202



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



218, 192, 168



255, 218, 184



179, 218, 168



110, 103, 99



173, 83, 0



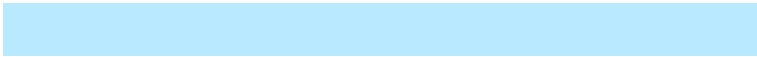
46, 22, 0

Inverse Universe

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



168, 188, 218



184, 213, 255



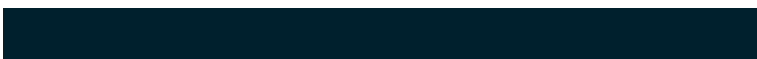
168, 176, 218



99, 103, 110



0, 70, 173



0, 19, 46

Previews

White Background



This preview shows how the RYB color 218, 192, 168 looks on a white background.

Color Contrast Check

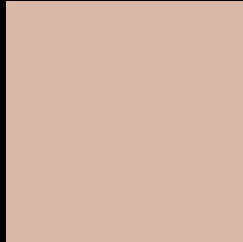
Large Text (above 18pt) WCAG AA × Fail

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, 192, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

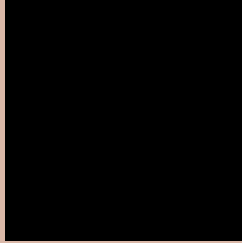
Any Text WCAG AA ✓ Pass

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, 192, 168 Background



This preview shows how black text looks on a background with the RYB color 218, 192, 168.



This preview shows how white text looks on a background with the RYB color 218, 192, 168.

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, 192, 168

Protanopia
182, 199, 171

Deuteranopia
218, 192, 168



Tritanopia
221, 180, 194

Trichromacy



Original Color
218, 192, 168

Protanomaly
202, 206, 170

Deuteranomaly
218, 192, 168

Tritanomaly
220, 182, 185

Monochromacy



Original Color
218, 192, 168

Achromatopsia
192, 192, 192

Achromatomaly
201, 192, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 192, 168 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, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 184, 168)  
}
```

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, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 184, 168) }
```

Border

The CSS property to change the border of an element to RYB 218, 192, 168 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, 184, 168) }
```

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

```
.border{ border-color:rgb(218, 184, 168) }
```

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

Here you see how a box with a 4 pixel rgb(218, 184, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(218, 184,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 218, 192, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 184, 168) }
```

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

```
.background{ background-color: rgb(218,  
184, 168) }
```

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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