

Converting Colors

`RYB(246, 218, 186)`

Have a look what the booklet for
RYB(246, 218, 186) contains.

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Color

R_YB(246, 218, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F6CFBA
RGB	246, 207, 186
RGB Percent	96%, 81%, 73%
CMY	0.0353, 0.1887, 0.2706
CMYK	0.00, 0.16, 0.24, 0.04
HSL	21°, 77%, 85%
HSV	21°, 24%, 96%
XYZ	69.1502, 67.7005, 55.8773
YIQ	216.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

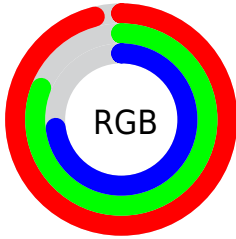
Format	Color
R _Y B	246, 218, 186
Decimal	16175034
CIE Lab	85.86, 10.66, 15.49
CIE LCh	86, 18.806, 55.461
Yxy	67.7005, 0.3588, 0.3513
Android (android.graphics.Color)	4294365114 (0xFFFF6CFBA)
YUV	216.2670, -14.9216, 26.0758
Hunter-Lab	82.2803, 6.0249, 17.3319

Details

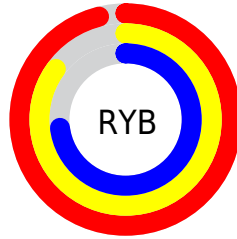
The RYB color **246, 218, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **186, 210, 246**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **242, 255, 242**, and **189, 164, 133** is the 20% darker color. If you saturate the color by 10%, you get **246, 207, 161**, and if you desaturate by 10%, it is **246, 229, 211**.

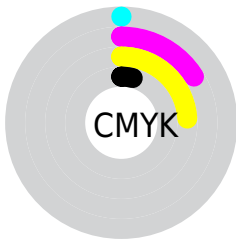
Distribution



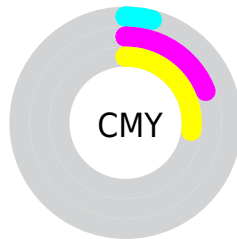
- Red (96%)
- Green (81%)
- Blue (73%)



- Red (96%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (4%)



- Cyan (4%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 218, 186 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 246, 218, 186 by changing the saturation by 10% instead.

 246, 218, 186


255, 255, 255

 242, 255, 242

 246, 218, 186

 217, 190, 159

 189, 164, 133

 161, 138, 108

 135, 113, 83

 109, 88, 60

 83, 65, 38

 59, 42, 18

 37, 18, 0

 0, 0, 0

 246, 218, 186

 246, 218, 186

 246, 207, 161


 246, 229, 211


 246, 195, 137


 246, 241, 235


 246, 184, 112

 246, 251, 255

 246, 172, 88

 246, 161, 63

 246, 150, 38

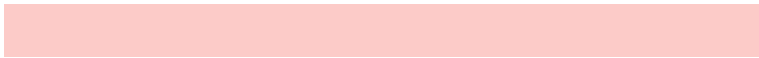
 246, 138, 14

 246, 132, 0

Harmonies

Analogous

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



252, 203, 200



246, 218, 186



209, 232, 179

Triad

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



246, 218, 186



175, 204, 225



215, 211, 247

Complementary

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



246, 218, 186



186, 210, 246

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.



192, 209, 250



246, 218, 186



168, 197, 229

Square

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



246, 218, 186



192, 221, 223



174, 202, 243



235, 206, 235

Rectangle

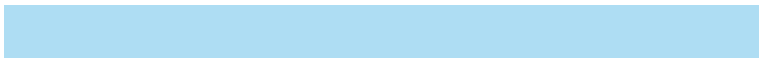
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 218, 186



183, 219, 180



174, 202, 243



207, 212, 249

Sweetspot

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



246, 218, 186



255, 246, 237



246, 186, 226



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



246, 218, 186



255, 221, 181



198, 246, 186



122, 116, 110



186, 100, 0



59, 30, 0

Inverse Universe

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



186, 210, 246



181, 210, 255



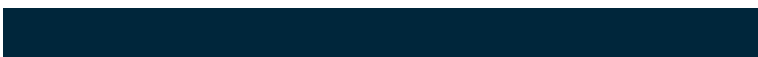
186, 195, 246



110, 115, 122



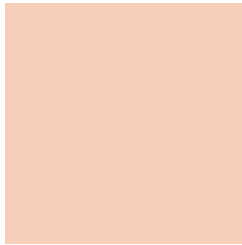
0, 73, 186



0, 23, 59

Previews

White Background



This preview shows how the RYB color 246, 218, 186 looks on a white background.

Color Contrast Check

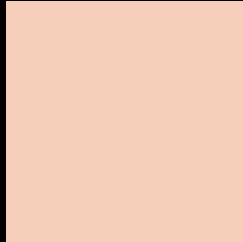
Large Text (above 18pt) WCAG AA × Fail

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 246, 218, 186 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 246, 218, 186 Background



This preview shows how black text looks on a background with the RYB color 246, 218, 186.



This preview shows how white text looks on a background with the RYB color 246, 218, 186.

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 246, 218, 186
	Protanopia 206, 225, 190
	Deuteranopia 246, 218, 186



Tritanopia
250, 202, 218

Trichromacy



Original Color

246, 218, 186

Protanomaly

233, 233, 189

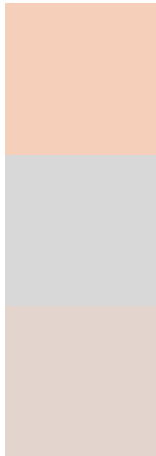
Deuteranomaly

246, 218, 186

Tritanomaly

249, 204, 206

Monochromacy



Original Color

246, 218, 186

Achromatopsia

216, 216, 216

Achromatomaly

227, 218, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 218, 186 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(246, 207, 186) looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 186)  
}
```

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(246, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 186) }
```

Border

The CSS property to change the border of an element to RYB 246, 218, 186 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(246, 207, 186) }
```

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

```
.border{ border-color:rgb(246, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 207, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 207, 186); box-shadow:4px 4px 4px 4px rgb(246, 207, 186) }
```

Background

The CSS property to change the background color of an element to RYB 246, 218, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 186) }
```

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

```
.background{ background-color: rgb(246,  
207, 186) }
```

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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