

Converting Colors

`RYB(245, 186, 166)`

Have a look what the booklet for
RYB(245, 186, 166) contains.

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Color

R_YB(245, 186, 166)

Conversions

Conversions Part 1

Format	Color
Hex	F5B6A6
RGB	245, 182, 166
RGB Percent	96%, 71%, 65%
CMY	0.0392, 0.2864, 0.3490
CMYK	0.00, 0.26, 0.32, 0.04
HSL	12°, 80%, 81%
HSV	12°, 32%, 96%
XYZ	61.2588, 55.6050, 43.5805
YIQ	199.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

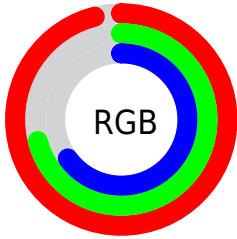
Format	Color
R _Y B	245, 186, 166
Decimal	16103078
CIE Lab	79.39, 20.74, 17.07
CIE LCh	79, 26.862, 39.458
Yxy	55.6050, 0.3818, 0.3466
Android (android.graphics.Color)	4294293158 (0xFFFF5B6A6)
YUV	199.0130, -16.2754, 40.3306
Hunter-Lab	74.5688, 16.1438, 17.5470

Details

The RYB color **245, 186, 166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **166, 201, 245**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 255, 221**, and **187, 133, 114** is the 20% darker color. If you saturate the color by 10%, you get **245, 167, 142**, and if you desaturate by 10%, it is **245, 205, 191**.

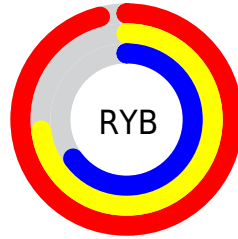
Distribution



Red (96%)

Green (71%)

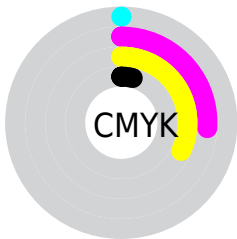
Blue (65%)



Red (96%)

Yellow (73%)

Blue (65%)

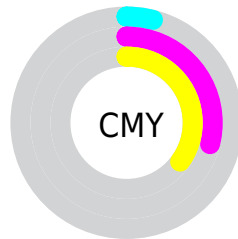


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (4%)



Cyan (4%)


Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 186, 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 245, 186, 166 by changing the saturation by 10% instead.


 245, 186, 166

 245, 186, 166

255, 255, 255

 216, 159, 140

 255, 255, 221

 187, 133, 114

 250, 255, 250

 159, 106, 90

 132, 82, 66

 105, 59, 44

 79, 35, 23

 55, 14, 0

 32, 0, 1

 0, 0, 0

 245, 186, 166


 245, 186, 166

 245, 167, 142


 245, 205, 191

 245, 150, 117

 245, 223, 215

 245, 130, 93

 245, 241, 240

 245, 113, 68

 245, 250, 255

 245, 94, 44

 245, 77, 19

 245, 61, 0

Harmonies

Analogous

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



247, 179, 189



245, 186, 166



230, 226, 150

Triad

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



245, 186, 166



151, 191, 209



177, 192, 246

Complementary

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



245, 186, 166



166, 201, 245

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.



144, 181, 243



245, 186, 166



129, 172, 211

Square

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



245, 186, 166



158, 205, 184



125, 171, 228



211, 188, 235

Rectangle

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



245, 186, 166



177, 216, 147



125, 171, 228



166, 189, 246

Sweetspot

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



245, 186, 166



255, 236, 230



245, 166, 229



128, 116, 112



0, 0, 0



128, 128, 128

Same Dimension

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



245, 186, 166



255, 181, 156



200, 245, 166



122, 114, 110



186, 48, 0



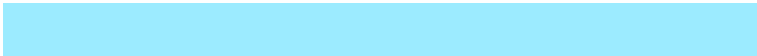
59, 15, 0

Inverse Universe

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



166, 201, 245



156, 200, 255



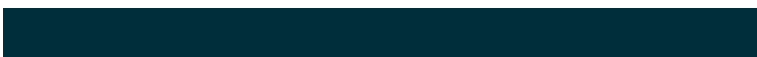
166, 184, 245



110, 115, 122



0, 83, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 245, 186, 166 looks on a white background.

Color Contrast Check

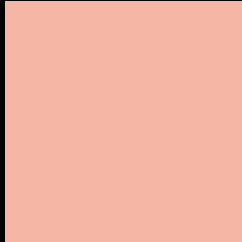
Large Text (above 18pt) WCAG AA × Fail

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 245, 186, 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](#).

RYB 245, 186, 166 Background



This preview shows how black text looks on a background with the RYB color 245, 186, 166.

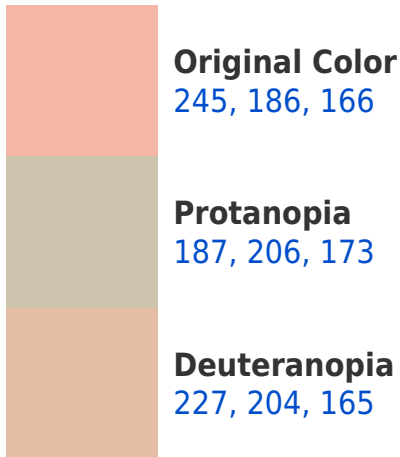



This preview shows how white text looks on a background with the RYB color 245, 186, 166.

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](#).

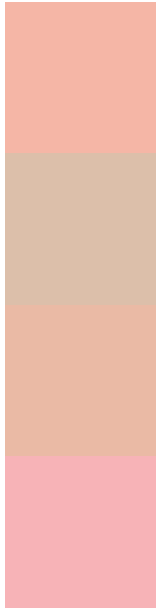
Dichromacy





Tritanopia
248, 178, 192

Trichromacy



Original Color

245, 186, 166

Protanomaly

220, 206, 170

Deuteranomaly

234, 195, 165

Tritanomaly

247, 179, 183

Monochromacy



Original Color

245, 186, 166

Achromatopsia

199, 199, 199

Achromatomaly

216, 195, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 186, 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(245, 182, 166) looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 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(245, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 166) }
```

Border

The CSS property to change the border of an element to RYB 245, 186, 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(245, 182, 166) }
```

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

```
.border{ border-color:rgb(245, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 245, 186, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 166) }
```

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

```
.background{ background-color: rgb(245,  
182, 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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