

Converting Colors

`RYB(245, 202, 219)`

Have a look what the booklet for
RYB(245, 202, 219) contains.

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Color

`RYB(245, 202, 219)`

Conversions

Conversions Part 1

Format	Color
Hex	F5CADB
RGB	245, 202, 219
RGB Percent	96%, 79%, 86%
CMY	0.0392, 0.2078, 0.1412
CMYK	0.00, 0.18, 0.11, 0.04
HSL	336°, 68%, 88%
HSV	336°, 18%, 96%
XYZ	71.5629, 66.7680, 76.1336
YIQ	216.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

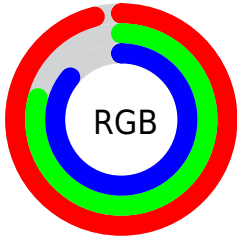
Format	Color
R _Y B	245, 202, 219
Decimal	16108251
CIE Lab	85.39, 17.86, -2.71
CIE LCh	85, 18.062, 351.369
Yxy	66.7680, 0.3337, 0.3113
Android (android.graphics.Color)	4294298331 (0xFFF5CADB)
YUV	216.7950, 1.0871, 24.7358
Hunter-Lab	81.7117, 13.3344, 1.9557

Details

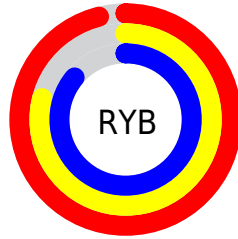
The RYB color **245, 202, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 229, 245**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 148, 164** is the 20% darker color. If you saturate the color by 10%, you get **245, 178, 204**, and if you desaturate by 10%, it is **245, 227, 234**.

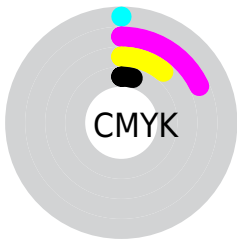
Distribution



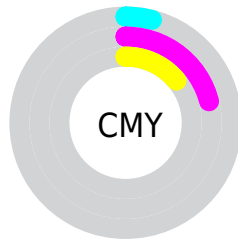
- Red (96%)
- Green (79%)
- Blue (86%)



- Red (96%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 202, 219 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, 202, 219 by changing the saturation by 10% instead.


 245, 202, 219

255, 255, 255

 245, 202, 219

 216, 175, 191

 188, 148, 164

 161, 122, 138

 135, 97, 112

 109, 73, 88

 84, 50, 65

 60, 28, 43

 38, 6, 22

 0, 0, 0

245, 202, 219

245, 202, 219

245, 178, 204

245, 227, 234

245, 153, 189

245, 249, 251

245, 129, 175

245, 250, 255

245, 104, 160

245, 80, 145

245, 55, 130

245, 30, 115

245, 6, 100

245, 0, 97

Harmonies

Analogous

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



231, 205, 235



245, 202, 219



250, 202, 202

Triad

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



245, 202, 219



181, 216, 183



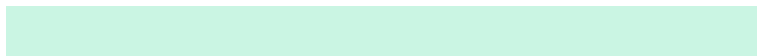
173, 201, 239

Complementary

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



245, 202, 219



202, 229, 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.



169, 196, 225



245, 202, 219



192, 221, 219

Square

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



245, 202, 219



218, 232, 180



177, 204, 223



189, 207, 247

Rectangle

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



245, 202, 219



247, 208, 191



177, 204, 223



170, 199, 235

Sweetspot

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



245, 202, 219



255, 242, 247



228, 202, 245



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



245, 202, 219



255, 201, 223



245, 206, 202



122, 110, 115



186, 0, 74



59, 0, 23

Inverse Universe

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



245, 202, 219



255, 201, 223



202, 222, 245



122, 110, 115



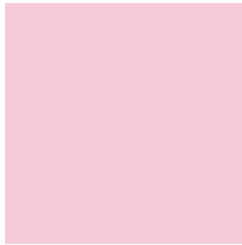
186, 0, 74



59, 0, 23

Previews

White Background



This preview shows how the RYB color 245, 202, 219 looks on a white background.

Color Contrast Check

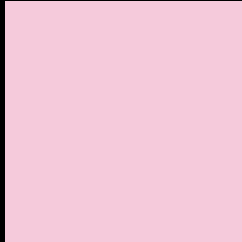
Large Text (above 18pt) WCAG AA × Fail

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, 202, 219 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, 202, 219 Background



This preview shows how black text looks on a background with the RYB color 245, 202, 219.

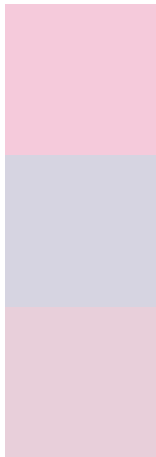


This preview shows how white text looks on a background with the RYB color 245, 202, 219.

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
245, 202, 219

Protanopia
214, 212, 225

Deuteranopia
232, 207, 218



Tritanopia
245, 202, 218

Trichromacy



Original Color
245, 202, 219

Protanomaly
225, 208, 223

Deuteranomaly
237, 205, 218

Tritanomaly
245, 202, 218

Monochromacy



Original Color
245, 202, 219

Achromatopsia
217, 217, 217

Achromatomaly
227, 212, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 202, 219 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, 202, 219) looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 219)  
}
```

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, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 219) }
```

Border

The CSS property to change the border of an element to RYB 245, 202, 219 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, 202, 219) }
```

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

```
.border{ border-color:rgb(245, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 245, 202, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 219) }
```

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

```
.background{ background-color: rgb(245,  
202, 219) }
```

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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