

Converting Colors

`RYB(245, 201, 246)`

Have a look what the booklet for
RYB(245, 201, 246) contains.

RYB(245, 201, 246)	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(245, 201, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F5C9F6
RGB	245, 201, 246
RGB Percent	96%, 79%, 96%
CMY	0.0392, 0.2118, 0.0353
CMYK	0.00, 0.18, 0.00, 0.04
HSL	299°, 71%, 88%
HSV	299°, 18%, 96%
XYZ	75.1774, 67.8396, 96.3209
YIQ	219.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

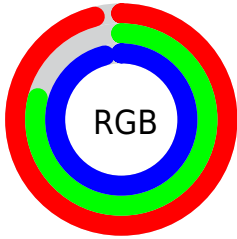
Format	Color
R _Y B	245, 201, 246
Decimal	16108022
CIE Lab	85.93, 23.06, -16.26
CIE LCh	86, 28.219, 324.822
Yxy	67.8396, 0.3141, 0.2834
Android (android.graphics.Color)	4294298102 (0xFFFF5C9F6)
YUV	219.2860, 13.1700, 22.5512
Hunter-Lab	82.3648, 18.7852, -11.6809

Details

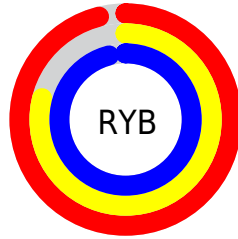
The RYB color **245, 201, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 246, 245**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **188, 147, 190** is the 20% darker color. If you saturate the color by 10%, you get **244, 176, 246**, and if you desaturate by 10%, it is **246, 226, 246**.

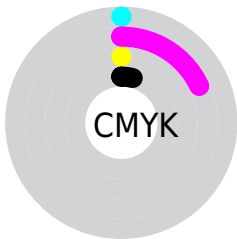
Distribution



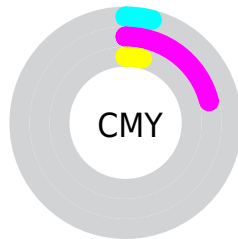
- Red (96%)
- Green (79%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 201, 246 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, 201, 246 by changing the saturation by 10% instead.


 245, 201, 246

255, 255, 255

 245, 201, 246

 216, 174, 217


 188, 147, 190

 161, 121, 163

 135, 96, 136

 109, 72, 111

 84, 49, 86


 60, 26, 63

 38, 4, 41


 4, 0, 20

 245, 201, 246

 245, 201, 246

 244, 176, 246


 246, 226, 246

 244, 152, 246

 246, 250, 250

 243, 127, 246

 246, 255, 254

 243, 103, 246


 246, 255, 253

 242, 78, 246

 246, 255, 252

 242, 53, 246

 246, 255, 251

 241, 29, 246

 241, 4, 246

 241, 0, 246

Harmonies

Analogous

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



213, 210, 255



245, 201, 246



255, 196, 221

Triad

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



245, 201, 246



204, 239, 162



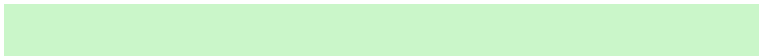
138, 185, 236

Complementary

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



245, 201, 246



201, 246, 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.



153, 198, 230



245, 201, 246



166, 220, 175

Square

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



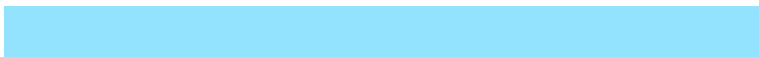
245, 201, 246



255, 221, 172



181, 224, 226



147, 193, 255

Rectangle

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



245, 201, 246



255, 196, 202



181, 224, 226



141, 186, 230

Sweetspot

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



245, 201, 246



255, 242, 255



201, 203, 246



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



245, 201, 246



254, 199, 255



246, 201, 225



122, 110, 122



182, 0, 186



57, 0, 59

Inverse Universe

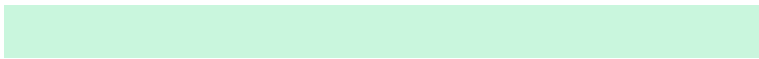
The Inverse Universe completely reimagines the original color for something new.



246, 201, 202



255, 199, 200



201, 232, 246



122, 110, 110



186, 0, 4



59, 0, 1

Previews

White Background



This preview shows how the RYB color 245, 201, 246 looks on a white background.

Color Contrast Check

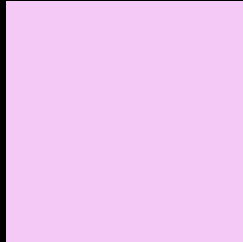
Large Text (above 18pt) WCAG AA × Fail

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, 201, 246 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, 201, 246 Background



This preview shows how black text looks on a background with the RYB color 245, 201, 246.



This preview shows how white text looks on a background with the RYB color 245, 201, 246.

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, 201, 246

Protanopia
207, 212, 254

Deuteranopia
222, 210, 244



Tritanopia
241, 205, 221

Trichromacy



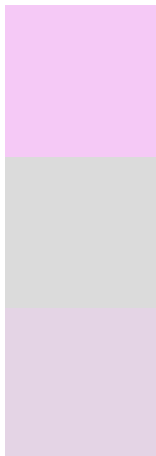
Original Color
245, 201, 246

Protanomaly
221, 209, 251

Deuteranomaly
230, 207, 245

Tritanomaly
242, 204, 230

Monochromacy



Original Color
245, 201, 246

Achromatopsia
219, 219, 219

Achromatomaly
228, 212, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 201, 246 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, 201, 246) looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 246)  
}
```

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, 201, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 246) }
```

Border

The CSS property to change the border of an element to RYB 245, 201, 246 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, 201, 246) }
```

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

```
.border{ border-color:rgb(245, 201, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 201, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 201, 246); box-shadow:4px 4px 4px 4px rgb(245, 201, 246) }
```

Background

The CSS property to change the background color of an element to RYB 245, 201, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 246) }
```

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

```
.background{ background-color: rgb(245,  
201, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor