

Converting Colors

RGB(245, 209, 237)

Have a look what the booklet for
RGB(245, 209, 237) contains.

RGB(245, 209, 237)	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

RGB(245, 209, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F5D1ED
RGB	245, 209, 237
RGB Percent	96%, 82%, 93%
CMY	0.0392, 0.1804, 0.0706
CMYK	0.00, 0.15, 0.03, 0.04
HSL	313°, 64%, 89%
HSV	313°, 15%, 96%
XYZ	75.7427, 71.1278, 89.8577
YIQ	222.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

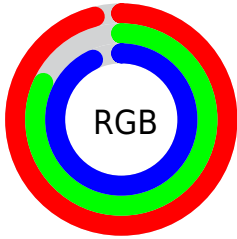
Format	Color
R _Y B	245, 209, 237
Decimal	16110061
CIE Lab	87.55, 17.23, -9.07
CIE LCh	88, 19.475, 332.247
Yxy	71.1278, 0.3200, 0.3005
Android (android.graphics.Color)	4294300141 (0xFFF5D1ED)
YUV	222.9560, 6.9237, 19.3326
Hunter-Lab	84.3373, 12.7192, -4.1348

Details

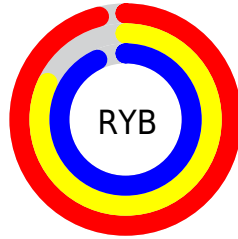
The RGB color **245, 209, 237** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **209, 245, 217**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 154, 181** is the 20% darker color. If you saturate the color by 10%, you get **245, 185, 232**, and if you desaturate by 10%, it is **245, 234, 242**.

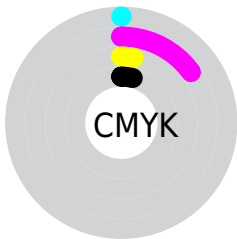
Distribution



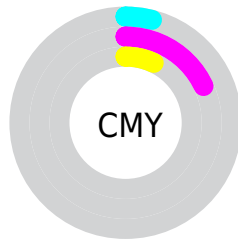
- Red (96%)
- Green (82%)
- Blue (93%)



- Red (96%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 209, 237 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 RGB color 245, 209, 237 by changing the saturation by 10% instead.

 245, 209, 237

255, 255, 255

 245, 209, 237

 216, 181, 209


 189, 154, 181

 161, 128, 154

 135, 103, 128

 109, 79, 103

 85, 56, 79

 61, 34, 56

 39, 13, 35

 12, 0, 12

 245, 209, 237


 245, 209, 237

 245, 185, 232

 245, 234, 242

 245, 160, 226

 245, 255, 248

 245, 136, 221


 245, 255, 253


 245, 111, 215

 245, 255, 255

 245, 87, 210

 245, 62, 204

 245, 38, 199

 245, 13, 193

 245, 0, 191

Harmonies

Analogous

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



225, 214, 251



245, 209, 237



255, 207, 219

Triad

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



245, 209, 237



233, 219, 183



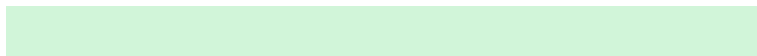
171, 229, 238

Complementary

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



245, 209, 237



209, 245, 217

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.



176, 230, 220



245, 209, 237



212, 224, 188

Square

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



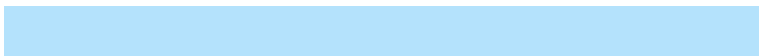
245, 209, 237



249, 213, 187



191, 228, 202



180, 226, 252

Rectangle

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



245, 209, 237



255, 207, 206



191, 228, 202



171, 230, 233

Sweetspot

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



245, 209, 237



255, 245, 253



217, 209, 245



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 209, 237



255, 209, 245



245, 209, 219



122, 110, 120



186, 0, 145



59, 0, 46

Inverse Universe

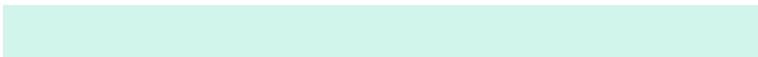
The Inverse Universe completely reimagines the original color for something new.



245, 209, 237



255, 209, 245



209, 245, 235



122, 110, 120



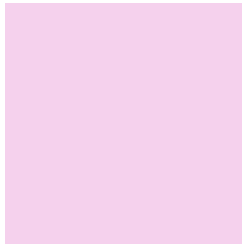
186, 0, 145



59, 0, 46

Previews

White Background



This preview shows how the RGB color 245, 209, 237 looks on a white background.

Color Contrast Check

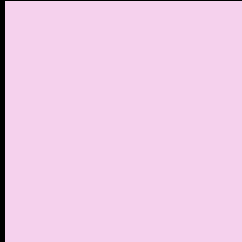
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 245, 209, 237 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](#).

RGB 245, 209, 237 Background



This preview shows how black text looks on a background with the RGB color 245, 209, 237.



This preview shows how white text looks on a background with the RGB color 245, 209, 237.

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, 209, 237

Protanopia
217, 218, 243

Deuteranopia
233, 213, 236



Tritanopia
244, 211, 227

Trichromacy



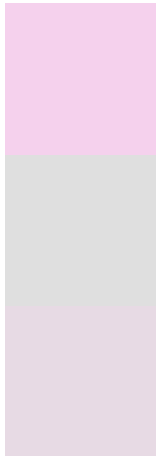
Original Color
245, 209, 237

Protanomaly
227, 215, 241

Deuteranomaly
237, 212, 236

Tritanomaly
244, 210, 231

Monochromacy



Original Color
245, 209, 237

Achromatopsia
223, 223, 223

Achromatomaly
231, 218, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 209, 237 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, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 237)  
}
```

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, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 237) }
```

Border

The CSS property to change the border of an element to RGB 245, 209, 237 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, 209, 237) }
```

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

```
.border{ border-color:rgb(245, 209, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 245, 209, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 237) }
```

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

```
.background{ background-color: rgb(245,  
209, 237) }
```

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