

Converting Colors

`RYB(245, 189, 244)`

Have a look what the booklet for
RYB(245, 189, 244) contains.

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Color

R_YB(245, 189, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F5BDF4
RGB	245, 189, 244
RGB Percent	96%, 74%, 96%
CMY	0.0392, 0.2588, 0.0431
CMYK	0.00, 0.23, 0.00, 0.04
HSL	301°, 74%, 85%
HSV	301°, 23%, 96%
XYZ	72.1829, 62.3393, 93.8162
YIQ	212.0140, 15.7210, 28.9770

Conversions

Conversions Part 2

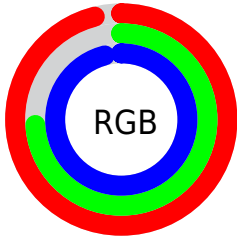
Format	Color
R _Y B	245, 189, 244
Decimal	16104948
CIE _{Lab}	83.09, 29.05, -19.46
CIE _{LCh}	83, 34.968, 326.181
Y _{xy}	62.3393, 0.3161, 0.2730
Android (android.graphics.Color)	4294295028 (0xFFFF5BDF4)
Y _{UV}	212.0140, 15.7691, 28.9287
Hunter-Lab	78.9553, 25.0176, -15.1809

Details

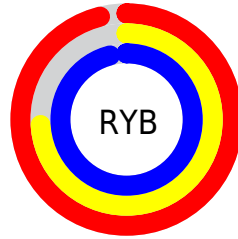
The RYB color **245, 189, 244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **189, 244, 245**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 246, 255**, and **188, 135, 188** is the 20% darker color. If you saturate the color by 10%, you get **245, 164, 244**, and if you desaturate by 10%, it is **245, 214, 244**.

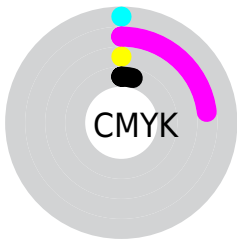
Distribution



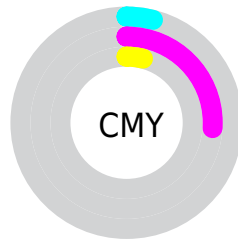
- Red (96%)
- Green (74%)
- Blue (96%)



- Red (96%)
- Yellow (74%)
- Blue (96%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 189, 244 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, 189, 244 by changing the saturation by 10% instead.

 245, 189, 244


255, 255, 255

 255, 246, 255

 245, 189, 244

 216, 162, 216

 188, 135, 188

 161, 109, 161

 134, 84, 134

 108, 60, 109

 83, 37, 85

 59, 14, 61

 38, 0, 39

 0, 1, 17

 245, 189, 244

 245, 189, 244

 245, 164, 244

 245, 214, 244

 245, 140, 243

 245, 238, 245

 245, 116, 243

 245, 255, 255

 245, 91, 242


 245, 254, 255

 245, 66, 242

 245, 253, 255

 245, 42, 241

 245, 253, 255

 245, 17, 241

 245, 0, 241

Harmonies

Analogous

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



206, 200, 255



245, 189, 244



255, 183, 212

Triad

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



245, 189, 244



188, 234, 141



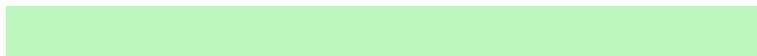
101, 165, 235

Complementary

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



245, 189, 244



189, 244, 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.



125, 182, 225



245, 189, 244



147, 214, 161

Square

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



245, 189, 244



255, 216, 153



162, 215, 221



114, 175, 255

Rectangle

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



245, 189, 244



255, 183, 190



162, 215, 221



106, 166, 225

Sweetspot

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



245, 189, 244



255, 237, 255



190, 189, 245



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



245, 189, 244



255, 186, 254



245, 189, 216



122, 110, 122



186, 0, 183



59, 0, 58

Inverse Universe

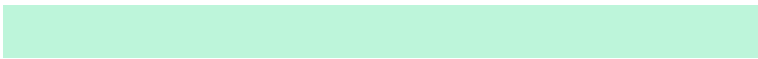
The Inverse Universe completely reimagines the original color for something new.



245, 189, 244



255, 186, 254



189, 226, 245



122, 110, 122



186, 0, 183



59, 0, 58

Previews

White Background



This preview shows how the RYB color 245, 189, 244 looks on a white background.

Color Contrast Check

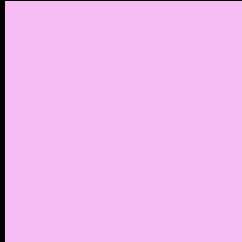
Large Text (above 18pt) WCAG AA × Fail

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, 189, 244 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, 189, 244 Background



This preview shows how black text looks on a background with the RYB color 245, 189, 244.



This preview shows how white text looks on a background with the RYB color 245, 189, 244.

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, 189, 244

Protanopia
196, 204, 255

Deuteranopia
211, 202, 241



Tritanopia
240, 195, 210

Trichromacy



Original Color

245, 189, 244



Protanomaly

214, 199, 251



Deuteranomaly

223, 197, 242



Tritanomaly

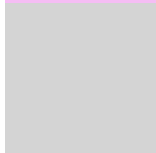
242, 193, 222

Monochromacy



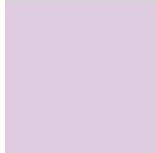
Original Color

245, 189, 244



Achromatopsia

212, 212, 212



Achromatomaly

224, 204, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 189, 244 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, 189, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 189, 244)  
}
```

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, 189, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 244) }
```

Border

The CSS property to change the border of an element to RYB 245, 189, 244 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, 189, 244) }
```

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

```
.border{ border-color:rgb(245, 189, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 189, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 189, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 189, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 189,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 245, 189, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 244) }
```

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

```
.background{ background-color: rgb(245,  
189, 244) }
```

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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