

Converting Colors

RGB(247, 193, 249)

Have a look what the booklet for
RGB(247, 193, 249) contains.

RGB(247, 193, 249)	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(247, 193, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F7C1F9
RGB	247, 193, 249
RGB Percent	97%, 76%, 98%
CMY	0.0314, 0.2431, 0.0235
CMYK	0.01, 0.22, 0.00, 0.02
HSL	298°, 82%, 87%
HSV	298°, 22%, 98%
XYZ	74.5266, 64.7536, 98.1933
YIQ	215.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

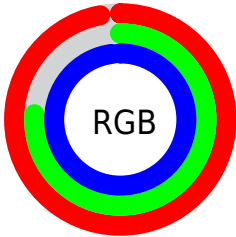
Format	Color
R _Y B	247, 193, 249
Decimal	16237049
CIE Lab	84.36, 28.49, -20.20
CIE LCh	84, 34.926, 324.665
Yxy	64.7536, 0.3138, 0.2727
Android (android.graphics.Color)	4294427129 (0xFFF7C1F9)
YUV	215.5300, 16.5007, 27.5992
Hunter-Lab	80.4696, 24.4951, -16.0200

Details

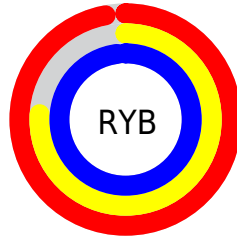
The RGB color **247, 193, 249** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 249, 193**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 250, 255, and **190, 139, 192** is the 20% darker color. If you saturate the color by 10%, you get **246, 168, 249**, and if you desaturate by 10%, it is **248, 218, 249**.

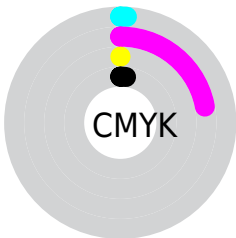
Distribution



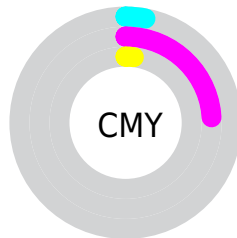
- Red (97%)
- Green (76%)
- Blue (98%)



- Red (97%)
- Yellow (76%)
- Blue (98%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 193, 249 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 247, 193, 249 by changing the saturation by 10% instead.


 247, 193, 249

 247, 193, 249

255, 255, 255

 218, 166, 220

 255, 250, 255


 190, 139, 192

 163, 113, 165

 136, 88, 139


 110, 64, 113

 85, 41, 89

 61, 18, 65

 38, 0, 43

 0, 0, 22

 247, 193, 249

 247, 193, 249

 246, 168, 249


 248, 218, 249

 245, 143, 249


 249, 243, 249

 244, 118, 249

 250, 255, 249

 243, 93, 249


 251, 255, 249

 243, 69, 249

 251, 255, 249

 242, 44, 249

 252, 255, 249

 241, 19, 249

 253, 255, 249

 240, 0, 249

 254, 255, 249

 255, 255, 249

Harmonies

Analogous

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



207, 204, 255



247, 193, 249



255, 186, 218

Triad

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



247, 193, 249



239, 206, 145



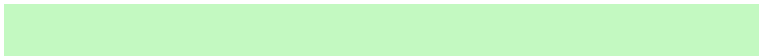
106, 228, 237

Complementary

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



247, 193, 249



195, 249, 193

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.



130, 228, 203



247, 193, 249



205, 217, 150

Square

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



247, 193, 249



255, 195, 158



167, 224, 171



117, 224, 255

Rectangle

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



247, 193, 249



255, 186, 195



167, 224, 171



111, 229, 226

Sweetspot

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



247, 193, 249



254, 237, 255



193, 196, 249



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



247, 193, 249



253, 186, 255



249, 193, 224



125, 112, 125



182, 0, 189



59, 0, 61

Inverse Universe

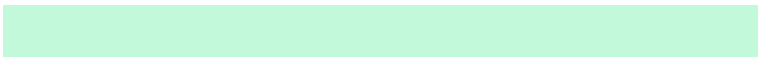
The Inverse Universe completely reimagines the original color for something new.



249, 193, 195



255, 186, 189



193, 249, 218



125, 112, 113



189, 0, 7



61, 0, 2

Previews

White Background



This preview shows how the RGB color 247, 193, 249 looks on a white background.

Color Contrast Check

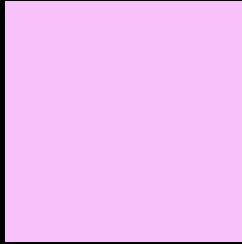
Large Text (above 18pt) WCAG AA × Fail

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 247, 193, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

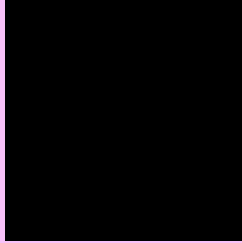
Any Text WCAG AA ✓ Pass

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 247, 193, 249 Background



This preview shows how black text looks on a background with the RGB color 247, 193, 249.



This preview shows how white text looks on a background with the RGB color 247, 193, 249.

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
242, 199, 215

Trichromacy



Original Color

247, 193, 249



Protanomaly

217, 203, 253



Deuteranomaly

226, 201, 248



Tritanomaly

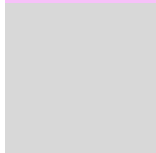
244, 197, 227

Monochromacy



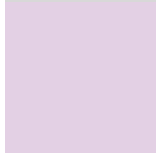
Original Color

247, 193, 249



Achromatopsia

216, 216, 216



Achromatomaly

227, 208, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 193, 249 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(247, 193, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 193, 249)  
}
```

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(247, 193, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 193, 249) }
```

Border

The CSS property to change the border of an element to RGB 247, 193, 249 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(247, 193, 249) }
```

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

```
.border{ border-color:rgb(247, 193, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 193, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 193, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 193, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 193,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 247, 193, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 193, 249) }
```

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

```
.background{ background-color: rgb(247,  
193, 249) }
```

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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