

Converting Colors

RGB(247, 134, 215)

Have a look what the booklet for
RGB(247, 134, 215) contains.

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Color

RGB(247, 134, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F786D7
RGB	247, 134, 215
RGB Percent	97%, 53%, 84%
CMY	0.0314, 0.4745, 0.1569
CMYK	0.00, 0.46, 0.13, 0.03
HSL	317°, 88%, 75%
HSV	317°, 46%, 97%
XYZ	59.1486, 41.7306, 69.2273
YIQ	177.0210, 41.3470, 49.1470

Conversions

Conversions Part 2

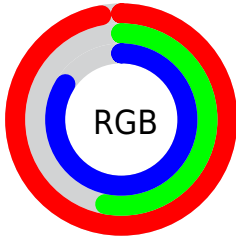
Format	Color
R_{YB}	247, 134, 215
Decimal	16221911
CIE _{Lab}	70.68, 53.24, -22.52
CIE _{LCh}	71, 57.805, 337.071
Yxy	41.7306, 0.3477, 0.2453
Android (android.graphics.Color)	4294411991 (0xFFFF786D7)
YUV	177.0210, 18.7236, 61.3716
Hunter-Lab	64.5993, 50.3901, -18.3182

Details

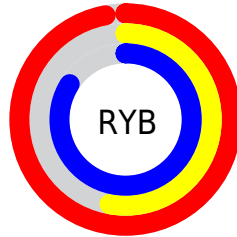
The RGB color **247, 134, 215** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **134, 247, 166**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 190, 255**, and **188, 80, 160** is the 20% darker color. If you saturate the color by 10%, you get **247, 109, 208**, and if you desaturate by 10%, it is **247, 159, 222**.

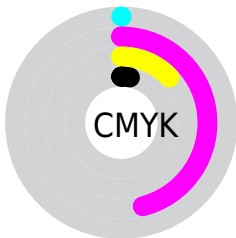
Distribution



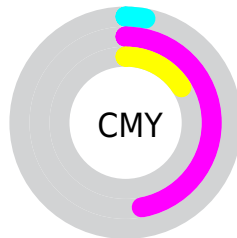
- Red (97%)
- Green (53%)
- Blue (84%)



- Red (97%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (46%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 134, 215 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, 134, 215 by changing the saturation by 10% instead.

 247, 134, 215

 247, 134, 215

255, 255, 255

 217, 107, 187

 255, 190, 255

 188, 80, 160

 255, 219, 255

 160, 52, 134

 255, 248, 255

 132, 20, 108

 105, 0, 84

 78, 0, 60

 55, 0, 39

 22, 0, 15

 0, 0, 0

■ 247, 134, 215

■ 247, 134, 215

■ 247, 109, 208

■ 247, 159, 222

■ 247, 85, 201

■ 247, 183, 229

■ 247, 60, 194

■ 247, 208, 236

■ 247, 35, 187

■ 247, 233, 243

■ 247, 11, 180

■ 247, 255, 250

■ 247, 0, 177

■ 247, 255, 255

Harmonies

Analogous

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



193, 154, 255



247, 134, 215



255, 126, 162

Triad

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



247, 134, 215



191, 174, 62



0, 197, 235

Complementary

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



247, 134, 215



134, 247, 166

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.



0, 199, 184



247, 134, 215



135, 188, 85

Square

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



247, 134, 215



235, 155, 74



49, 196, 130



0, 189, 255

Rectangle

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



247, 134, 215



255, 131, 128



49, 196, 130



0, 198, 219

Sweetspot

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



247, 134, 215



255, 219, 245



164, 134, 247



128, 106, 121



0, 0, 0



128, 128, 128

Same Dimension

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



247, 134, 215



255, 115, 215



247, 134, 160



122, 110, 119



186, 0, 133



59, 0, 42

Inverse Universe

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



247, 134, 215



255, 115, 215



134, 247, 221



122, 110, 119



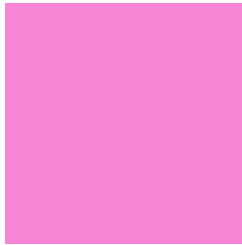
186, 0, 133



59, 0, 42

Previews

White Background



This preview shows how the RGB color 247, 134, 215 looks on a white background.

Color Contrast Check

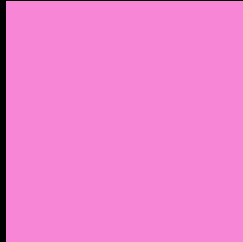
Large Text (above 18pt) WCAG AA × Fail

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, 134, 215 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, 134, 215 Background



This preview shows how black text looks on a background with the RGB color 247, 134, 215.

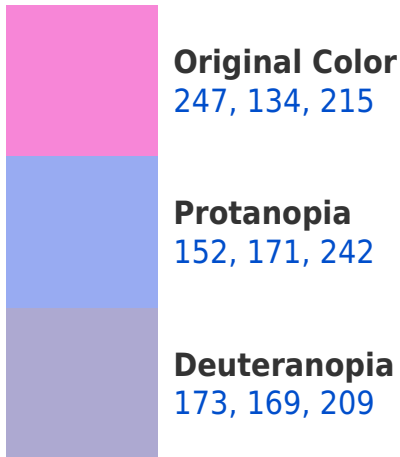


This preview shows how white text looks on a background with the RGB color 247, 134, 215.

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
241, 146, 157

Trichromacy



Original Color

247, 134, 215



Protanomaly

187, 158, 232



Deuteranomaly

200, 156, 211



Tritanomaly

243, 142, 178

Monochromacy



Original Color

247, 134, 215



Achromatopsia

177, 177, 177



Achromatomaly

202, 161, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 134, 215 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, 134, 215) looks like.

```
.text, #text, p{  
    color:rgb(247, 134, 215)  
}
```

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, 134, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 134, 215) }
```

Border

The CSS property to change the border of an element to RGB 247, 134, 215 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, 134, 215) }
```

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

```
.border{ border-color:rgb(247, 134, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 134, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 134, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 134, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 134,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 247, 134, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 134, 215) }
```

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

```
.background{ background-color: rgb(247,  
134, 215) }
```

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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