Converting Colors

RYB(247, 158, 234)

Have a look what the booklet for RYB(247, 158, 234) contains.

Color

RYB(247, 158, 234)

Conversions

Conversions Part 1

Format	Color
Hex	F79EEA
RGB	247, 158, 234
RGB Percent	97%, 62%, 92%
CMY	0.0314, 0.3804, 0.0824
CMYK	0.00, 0.36, 0.05, 0.03
HSL	309°, 85%, 79%
HSV	309°, 36%, 97%
XYZ	65.4359, 50.1684, 84.0765
YIQ	193.2750, 28.6480, 42.5040

Conversions

Conversions Part 2

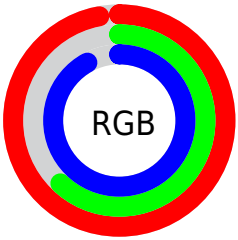
Format	Color
RYB	247, 158, 234
Decimal	16228074
CIELab	76.17, 44.20, -24.57
CIELCh	76, 50.572, 330.936
Yxy	50.1684, 0.3277, 0.2512
Android (android.graphics.Color)	4294418154 (0xFFF79EEA)
YUV	193.2750, 20.0774, 47.1168
Hunter-Lab	70.8296, 40.9552, -20.7979

Details

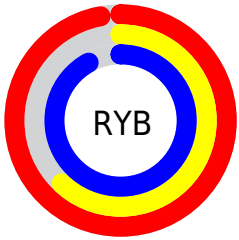
The RYB color 247, 158, 234 is a light color, and the websafe version is hex FF99FF. A complement of this color would be 158, 236, 247, and the grayscale version is 193, 193, 193.

A 20% lighter version of the original color is 255, 214, 255, and 189, 105, 178 is the 20% darker color. If you saturate the color by 10%, you get 247, 133, 230, and if you desaturate by 10%, it is 247, 183, 238.

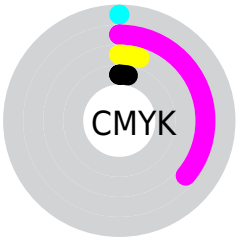
Distribution



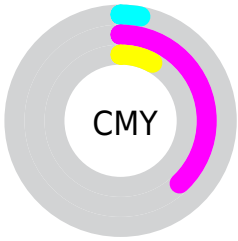
- Red (97%)
- Green (62%)
- Blue (92%)



- Red (97%)
- Yellow (62%)
- Blue (92%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (38%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 158, 234 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 247, 158, 234 by changing the saturation by 10% instead.

247, 158, 234

255, 255, 255

255, 214, 255

255, 243, 255

247, 158, 234

218, 131, 206

189, 105, 178

161, 79, 151

134, 53, 125

107, 26, 100

81, 0, 76

56, 0, 53

33, 0, 31

0, 0, 2

247, 158, 234

247, 133, 230

247, 109, 227

247, 84, 223

247, 59, 220

247, 35, 216

247, 10, 212

247, 0, 211

247, 158, 234

247, 183, 238

247, 207, 241

247, 232, 245

247, 254, 255

247, 252, 255

247, 251, 255

Harmonies

Analogous

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

193, 175, 255

247, 158, 234

255, 149, 188

Triad

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

247, 158, 234

130, 215, 92

0, 111, 234

Complementary

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

247, 158, 234

158, 236, 247

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, 112, 212

247, 158, 234

105, 199, 137

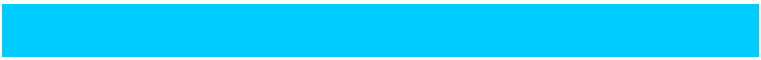
Square

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

247, 158, 234

252, 215, 107

108, 183, 208



0, 113, 255

Rectangle

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

247, 158, 234

255, 151, 157

108, 183, 208

0, 108, 220

Sweetspot

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

247, 158, 234

255, 227, 251

170, 158, 247

128, 111, 125

0, 0, 0

128, 128, 128

Same Dimension

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

247, 158, 234

255, 145, 239

247, 158, 191

122, 110, 121

186, 0, 159

59, 0, 50

Inverse Universe

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

247, 158, 234

255, 145, 239

158, 213, 247

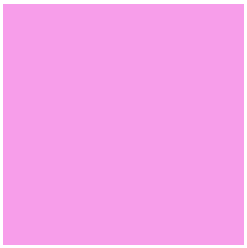
122, 110, 121

186, 0, 159

59, 0, 50

Previews

White Background

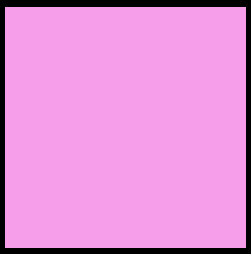


This preview shows how the RYB color 247, 158, 234 looks on a white background.

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



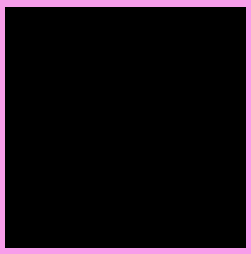
This preview shows how the RYB color 247, 158, 234 looks on a black background.

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 247, 158, 234 Background



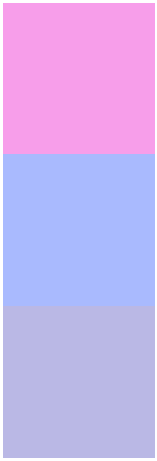
This preview shows how black text looks on a background with the RYB color 247, 158, 234.

This preview shows how white text looks on a background with the RYB color 247, 158, 234.

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



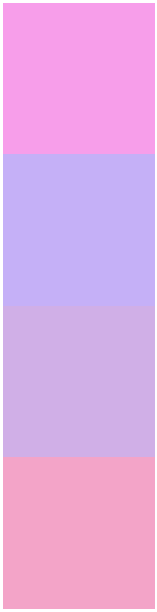
Original Color
247, 158, 234

Protanopia
169, 183, 254

Deuteranopia
186, 184, 229

Tritanopia
240, 168, 181

Trichromacy



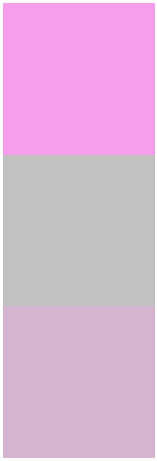
Original Color
247, 158, 234

Protanomaly
197, 176, 247

Deuteranomaly
208, 175, 231

Tritanomaly
243, 164, 200

Monochromacy



Original Color
247, 158, 234

Achromatopsia
193, 193, 193

Achromatomaly
213, 180, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 158, 234 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, 158, 234) looks like.

```
.text, #text, p{
    color:rgb(247, 158, 234)
}
```

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, 158, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 158, 234) }
```

Border

The CSS property to change the border of an element to RYB 247, 158, 234 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, 158, 234) }
```

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

```
.border{ border-color:rgb(247, 158, 234) }
```

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

Here you see how a box with a 4 pixel rgb(247, 158, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 158, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 158, 234); box-shadow:4px 4px 4px 4px rgb(247, 158, 234) }
```

Background

The CSS property to change the background color of an element to RYB 247, 158, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 158, 234) }
```

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

```
.background{ background-color:rgb(247,
158, 234) }
```

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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