

Converting Colors

`RYB(248, 120, 158)`

Have a look what the booklet for
RYB(248, 120, 158) contains.

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Color

`RYB(248, 120, 158)`

Conversions

Conversions Part 1

Format	Color
Hex	F8789E
RGB	248, 120, 158
RGB Percent	97%, 47%, 62%
CMY	0.0275, 0.5294, 0.3804
CMYK	0.00, 0.52, 0.36, 0.03
HSL	342°, 90%, 72%
HSV	342°, 52%, 97%
XYZ	51.5994, 35.8580, 36.5495
YIQ	162.6040, 64.0900, 38.9540

Conversions

Conversions Part 2

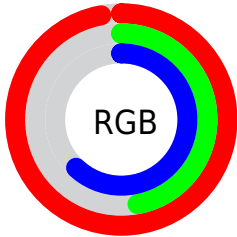
Format	Color
RYB	248, 120, 158
Decimal	16283806
CIELab	66.41, 52.66, 3.09
CIElCh	66, 52.756, 3.360
Yxy	35.8580, 0.4161, 0.2892
Android (android.graphics.Color)	4294473886 (0xFFFF8789E)
YUV	162.6040, -2.2698, 74.8923
Hunter-Lab	59.8816, 49.0191, 5.7287

Details

The RYB color **248, 120, 158** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **120, 195, 248**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 176, 212**, and **188, 65, 107** is the 20% darker color. If you saturate the color by 10%, you get **248, 95, 141**, and if you desaturate by 10%, it is **248, 145, 175**.

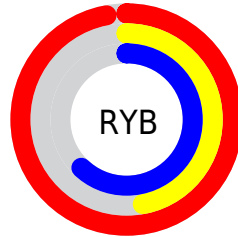
Distribution



Red (97%)

Green (47%)

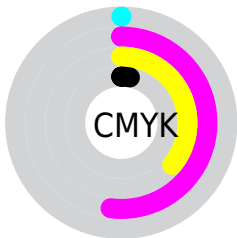
Blue (62%)



Red (97%)

Yellow (47%)

Blue (62%)

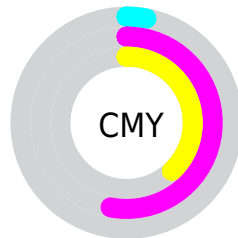


Cyan (0%)

Magenta (52%)

Yellow (36%)

Black (3%)



Cyan (3%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 120, 158 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 248, 120, 158 by changing the saturation by 10% instead.

 248, 120, 158

 248, 120, 158

255, 255, 255

 218, 93, 132

 255, 176, 212

 188, 65, 107

 255, 204, 241

 159, 36, 83

 255, 233, 255

 130, 0, 60

 102, 0, 38

 74, 0, 18

 48, 0, 2

 0, 0, 0

 248, 120, 158

 248, 120, 158

■ 248, 95, 141

■ 248, 145, 175

■ 248, 70, 123

■ 248, 170, 193

■ 248, 46, 106

■ 248, 194, 210

■ 248, 21, 88

■ 248, 219, 228

■ 248, 0, 74

■ 248, 244, 245

■ 248, 252, 255

Harmonies

Analogous

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



224, 129, 205



248, 120, 158



246, 129, 112

Triad

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



248, 120, 158



78, 174, 118



0, 103, 245

Complementary

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



248, 120, 158



120, 195, 248

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, 99, 212



248, 120, 158



67, 147, 182

Square

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



248, 120, 158



89, 183, 62



0, 98, 185



80, 137, 255

Rectangle

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



248, 120, 158



232, 167, 86



0, 98, 185



0, 102, 237

Sweetspot

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



248, 120, 158



255, 217, 228



210, 120, 248



128, 105, 111



0, 0, 0



128, 128, 128

Same Dimension

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



248, 120, 158



255, 97, 144



248, 153, 120



125, 112, 116



189, 0, 56



61, 0, 18

Inverse Universe

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



248, 120, 158



255, 97, 144



120, 177, 248



125, 112, 116



189, 0, 56



61, 0, 18

Previews

White Background



This preview shows how the RYB color 248, 120, 158 looks on a white background.

Color Contrast Check

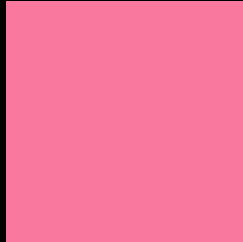
Large Text (above 18pt) WCAG AA × Fail

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 248, 120, 158 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 248, 120, 158 Background



This preview shows how black text looks on a background with the RYB color 248, 120, 158.



This preview shows how white text looks on a background with the RYB color 248, 120, 158.

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
248, 120, 158

Protanopia
159, 161, 182

Deuteranopia
181, 157, 152



Tritanopia
246, 125, 133

Trichromacy



Original Color

248, 120, 158



Protanomaly

191, 146, 173



Deuteranomaly

205, 143, 154



Tritanomaly

247, 123, 142

Monochromacy



Original Color

248, 120, 158



Achromatopsia

163, 163, 163



Achromatomaly

194, 147, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 120, 158 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(248, 120, 158)` looks like.

```
.text, #text, p{  
    color:rgb(248, 120, 158)  
}
```

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(248, 120, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 120, 158) }
```

Border

The CSS property to change the border of an element to RYB 248, 120, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

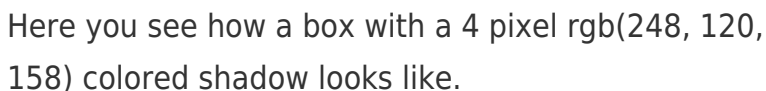
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 120, 158) }
```

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

```
.border{ border-color:rgb(248, 120, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 120, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 120, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 120, 158); box-shadow:4px 4px 4px 4px rgb(248, 120, 158) }
```

Background

The CSS property to change the background color of an element to RYB 248, 120, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 120, 158) }
```

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

```
.background{ background-color: rgb(248,  
120, 158) }
```

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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