

Converting Colors

RGB(244, 97, 163)

Have a look what the booklet for
RGB(244, 97, 163) contains.

RGB(244, 97, 163)	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(244, 97, 163)

Conversions

Conversions Part 1

Format	Color
Hex	F461A3
RGB	244, 97, 163
RGB Percent	96%, 38%, 64%
CMY	0.0431, 0.6196, 0.3608
CMYK	0.00, 0.60, 0.33, 0.04
HSL	333°, 87%, 67%
HSV	333°, 60%, 96%
XYZ	48.1938, 30.4268, 37.9832
YIQ	148.4770, 66.4260, 51.6900

Conversions

Conversions Part 2

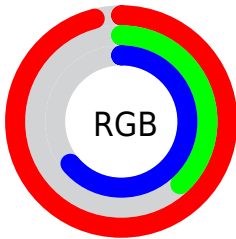
Format	Color
R_{YB}	244, 97, 163
Decimal	16015779
CIE _{Lab}	62.02, 62.41, -6.27
CIE _{LCh}	62, 62.725, 354.261
Yxy	30.4268, 0.4133, 0.2609
Android (android.graphics.Color)	4294205859 (0xFFFF461A3)
YUV	148.4770, 7.1598, 83.7737
Hunter-Lab	55.1605, 59.4247, -2.2144

Details

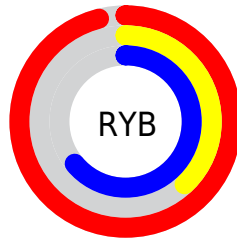
The RGB color **244, 97, 163** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **97, 244, 178**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 154, 218**, and **184, 35, 111** is the 20% darker color. If you saturate the color by 10%, you get **244, 73, 150**, and if you desaturate by 10%, it is **244, 121, 176**.

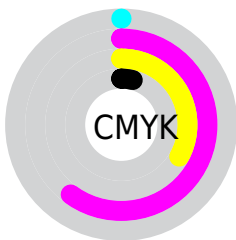
Distribution



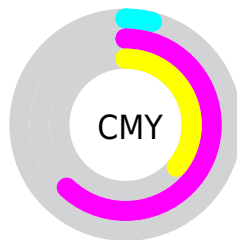
- Red (96%)
- Green (38%)
- Blue (64%)



- Red (96%)
- Yellow (38%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 97, 163 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 244, 97, 163 by changing the saturation by 10% instead.

 244, 97, 163

 244, 97, 163

255, 255, 255

 214, 68, 137

 255, 154, 218

 184, 35, 111

 255, 182, 246

 154, 0, 87

 255, 212, 255

 125, 0, 64

 255, 241, 255

 97, 0, 42

 70, 0, 22

 41, 0, 1

 0, 0, 0

 244, 97, 163

 244, 97, 163

■ 244, 73, 150

■ 244, 121, 176

■ 244, 48, 136

■ 244, 146, 190

■ 244, 24, 123

■ 244, 170, 203

■ 244, 0, 110

■ 244, 195, 217

■ 244, 219, 230

■ 244, 243, 244

■ 244, 255, 255

Harmonies

Analogous

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



207, 115, 216



244, 97, 163



249, 101, 108

Triad

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



244, 97, 163



134, 160, 35



0, 171, 239

Complementary

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



244, 97, 163



97, 244, 178

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, 176, 194



244, 97, 163



57, 171, 81

Square

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



244, 97, 163



187, 143, 24



0, 175, 137



0, 159, 255

Rectangle

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



244, 97, 163



237, 114, 74



0, 175, 137



0, 173, 226

Sweetspot

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



244, 97, 163



255, 209, 230



178, 97, 244



128, 99, 112



0, 0, 0



128, 128, 128

Same Dimension

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



244, 97, 163



255, 71, 154



244, 104, 97



122, 110, 116



186, 0, 84



59, 0, 26

Inverse Universe

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



244, 97, 163



255, 71, 154



97, 237, 244



122, 110, 116



186, 0, 84



59, 0, 26

Previews

White Background



This preview shows how the RGB color 244, 97, 163 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 244, 97, 163 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 244, 97, 163 Background



This preview shows how black text looks on a background with the RGB color 244, 97, 163.



This preview shows how white text looks on a background with the RGB color 244, 97, 163.

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
244, 97, 163

Protanopia
137, 149, 197

Deuteranopia
162, 146, 156



Tritanopia
240, 107, 115

Trichromacy



Original Color

244, 97, 163



Protanomaly

176, 130, 185



Deuteranomaly

192, 128, 159



Tritanomaly

241, 103, 132

Monochromacy



Original Color

244, 97, 163



Achromatopsia

148, 148, 148



Achromatomaly

183, 129, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 97, 163 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(244, 97, 163) looks like.

```
.text, #text, p{  
    color:rgb(244, 97, 163)  
}
```

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(244, 97, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 97, 163) }
```

Border

The CSS property to change the border of an element to RGB 244, 97, 163 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(244, 97, 163) }
```

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

```
.border{ border-color:rgb(244, 97, 163) }
```

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

Here you see how a box with a 4 pixel rgb(244, 97, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 97, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 97, 163);  
box-shadow:4px 4px 4px 4px rgb(244, 97,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 244, 97, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 97, 163) }
```

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

```
.background{ background-color: rgb(244, 97,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor