

Converting Colors

RGB(247, 55, 165)

Have a look what the booklet for
RGB(247, 55, 165) contains.

RGB(247, 55, 165)	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, 55, 165)

Conversions

Conversions Part 1

Format	Color
Hex	F737A5
RGB	247, 55, 165
RGB Percent	97%, 22%, 65%
CMY	0.0314, 0.7843, 0.3529
CMYK	0.00, 0.78, 0.33, 0.03
HSL	326°, 92%, 59%
HSV	326°, 78%, 97%
XYZ	46.5155, 25.2231, 38.0142
YIQ	124.9480, 79.1220, 74.9140

Conversions

Conversions Part 2

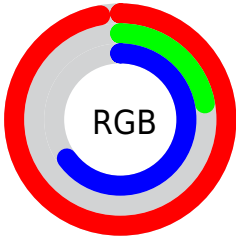
Format	Color
R_{YB}	247, 55, 165
Decimal	16201637
CIE _{Lab}	57.29, 78.11, -14.46
CIE _{LCh}	57, 79.437, 349.510
Yxy	25.2231, 0.4238, 0.2298
Android (android.graphics.Color)	4294391717 (0xFFFF737A5)
YUV	124.9480, 19.7456, 107.0396
Hunter-Lab	50.2227, 77.4345, -9.7216

Details

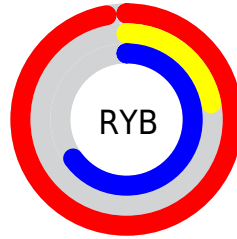
The RGB color **247, 55, 165** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **55, 247, 137**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 121, 220**, and **185, 0, 113** is the 20% darker color. If you saturate the color by 10%, you get **247, 30, 154**, and if you desaturate by 10%, it is **247, 80, 176**.

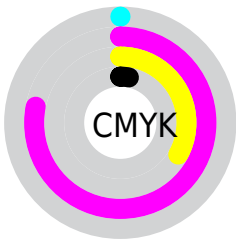
Distribution



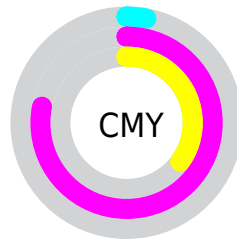
- Red (97%)
- Green (22%)
- Blue (65%)



- Red (97%)
- Yellow (22%)
- Blue (65%)



- Cyan (0%)
- Magenta (78%)
- Yellow (33%)
- Black (3%)




- Cyan (3%)
- Magenta (78%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 55, 165 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, 55, 165 by changing the saturation by 10% instead.

 247, 55, 165

 247, 55, 165

255, 255, 255

 216, 0, 139

 255, 121, 220

 185, 0, 113

 255, 151, 249

 155, 0, 89

 255, 181, 255

 125, 0, 65

 255, 211, 255

 96, 0, 43

 255, 241, 255

 68, 0, 22

 37, 0, 1

 0, 0, 0

 247, 55, 165

 247, 55, 165

■ 247, 30, 154

■ 247, 80, 176

■ 247, 6, 144

■ 247, 104, 186

■ 247, 0, 142

■ 247, 129, 197

■ 247, 154, 207

■ 247, 179, 218

■ 247, 203, 228

■ 247, 228, 239

■ 247, 253, 249

■ 247, 255, 255

Harmonies

Analogous

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



195, 94, 229



247, 55, 165



255, 56, 96

Triad

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



247, 55, 165



124, 148, 0



0, 165, 243

Complementary

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



247, 55, 165



55, 247, 137

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, 168, 182



247, 55, 165



0, 160, 34

Square

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



247, 55, 165



186, 126, 0



0, 166, 110



0, 153, 255

Rectangle

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



247, 55, 165



244, 80, 52



0, 166, 110



0, 166, 225

Sweetspot

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



247, 55, 165



255, 196, 230



135, 55, 247



128, 92, 112



0, 0, 0



128, 128, 128

Same Dimension

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



247, 55, 165



255, 18, 154



247, 55, 71



122, 110, 117



186, 0, 107



59, 0, 34

Inverse Universe

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



247, 55, 165



255, 18, 154



55, 247, 231



122, 110, 117



186, 0, 107



59, 0, 34

Previews

White Background



This preview shows how the RGB color 247, 55, 165 looks on a white background.

Color Contrast Check

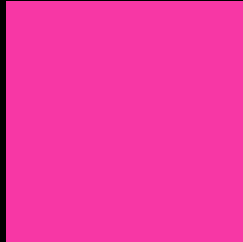
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55, 165 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 247, 55, 165 Background



This preview shows how black text looks on a background with the RGB color 247, 55, 165.

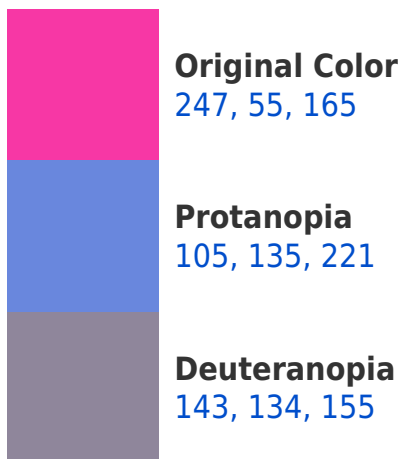


This preview shows how white text looks on a background with the RGB color 247, 55, 165.

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, 80, 85

Trichromacy



Original Color

247, 55, 165



Protanomaly

157, 106, 201



Deuteranomaly

181, 105, 159



Tritanomaly

243, 71, 114

Monochromacy



Original Color

247, 55, 165



Achromatopsia

125, 125, 125



Achromatomaly

169, 100, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 55, 165 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, 55, 165) looks like.

```
.text, #text, p{  
    color:rgb(247, 55, 165)  
}
```

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, 55, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 55, 165) }
```

Border

The CSS property to change the border of an element to RGB 247, 55, 165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

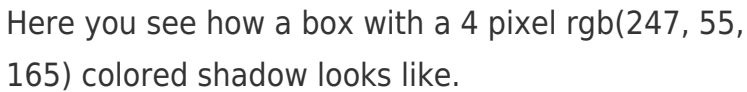
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 55, 165) }
```

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

```
.border{ border-color:rgb(247, 55, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 55, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 55, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 55, 165); box-shadow:4px 4px 4px 4px rgb(247, 55, 165) }
```

Background

The CSS property to change the background color of an element to RGB 247, 55, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 55, 165) }
```

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

```
.background{ background-color: rgb(247, 55,  
165) }
```

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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