

Converting Colors

`RYB(245, 121, 150)`

Have a look what the booklet for
RYB(245, 121, 150) contains.

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Color

R_YB(245, 121, 150)

Conversions

Conversions Part 1

Format	Color
Hex	F57996
RGB	245, 121, 150
RGB Percent	96%, 47%, 59%
CMY	0.0392, 0.5255, 0.4118
CMYK	0.00, 0.51, 0.39, 0.04
HSL	346°, 86%, 72%
HSV	346°, 51%, 96%
XYZ	49.9986, 35.2892, 33.0304
YIQ	161.3820, 64.5950, 35.3070

Conversions

Conversions Part 2

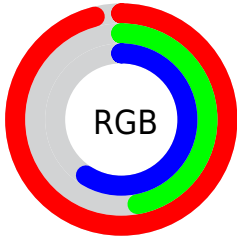
Format	Color
R_{YB}	245, 121, 150
Decimal	16087446
CIE Lab	65.97, 50.29, 6.95
CIE LCh	66, 50.768, 7.867
Yxy	35.2892, 0.4226, 0.2983
Android (android.graphics.Color)	4294277526 (0xFF57996)
YUV	161.3820, -5.6113, 73.3330
Hunter-Lab	59.4047, 46.2780, 8.6167

Details

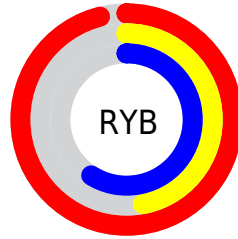
The RYB color **245, 121, 150** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **121, 191, 245**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 176, 204**, and **185, 67, 99** is the 20% darker color. If you saturate the color by 10%, you get **245, 97, 131**, and if you desaturate by 10%, it is **245, 146, 169**.

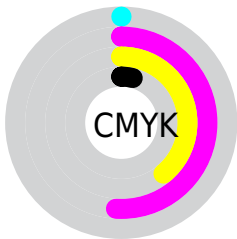
Distribution



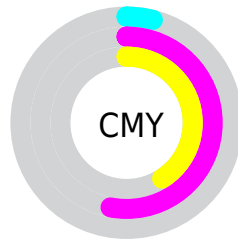
- Red (96%)
- Green (47%)
- Blue (59%)



- Red (96%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 121, 150 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 245, 121, 150 by changing the saturation by 10% instead.

 245, 121, 150

 245, 121, 150

255, 255, 255

 215, 94, 124

 255, 176, 204

 185, 67, 99


 255, 205, 232

 156, 39, 76

 255, 234, 255

 127, 0, 53

 99, 0, 32

 71, 0, 8

 45, 0, 1

 0, 0, 0

 245, 121, 150

 245, 121, 150

■ 245, 97, 131

■ 245, 146, 169

■ 245, 72, 112

■ 245, 170, 188

■ 245, 48, 94

■ 245, 194, 206

■ 245, 23, 75

■ 245, 219, 225

■ 245, 0, 57

■ 245, 243, 244

■ 245, 250, 255

Harmonies

Analogous

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



226, 127, 196



245, 121, 150



239, 133, 107

Triad

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



245, 121, 150



85, 174, 132



0, 102, 244

Complementary

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



245, 121, 150



121, 191, 245

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, 98, 215



245, 121, 150



58, 138, 181

Square

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



245, 121, 150



81, 175, 66



0, 95, 183



102, 144, 250

Rectangle

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



245, 121, 150



224, 177, 84



0, 95, 183



0, 101, 237

Sweetspot

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



245, 121, 150



255, 217, 226



214, 121, 245



128, 105, 110



0, 0, 0



128, 128, 128

Same Dimension

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



245, 121, 150



255, 99, 136



245, 162, 121



122, 110, 113



186, 0, 44



59, 0, 14

Inverse Universe

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



245, 121, 150



255, 99, 136



121, 174, 245



122, 110, 113



186, 0, 44



59, 0, 14

Previews

White Background



This preview shows how the RYB color 245, 121, 150 looks on a white background.

Color Contrast Check

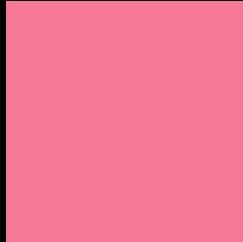
Large Text (above 18pt) WCAG AA × Fail

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 245, 121, 150 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 245, 121, 150 Background



This preview shows how black text looks on a background with the RYB color 245, 121, 150.

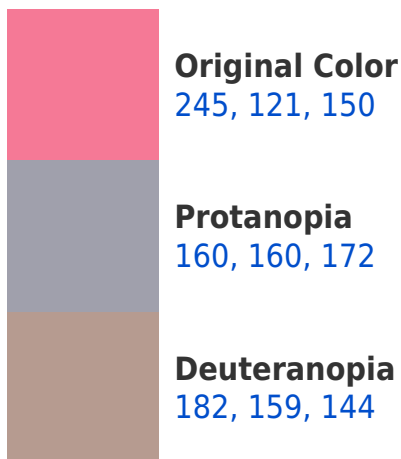


This preview shows how white text looks on a background with the RYB color 245, 121, 150.

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
244, 124, 133

Trichromacy



Original Color

245, 121, 150



Protanomaly

191, 146, 164



Deuteranomaly

205, 143, 146



Tritanomaly

244, 123, 139

Monochromacy



Original Color

245, 121, 150



Achromatopsia

161, 161, 161



Achromatomaly

192, 146, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 121, 150 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(245, 121, 150) looks like.

```
.text, #text, p{  
    color:rgb(245, 121, 150)  
}
```

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(245, 121, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 121, 150) }
```

Border

The CSS property to change the border of an element to RYB 245, 121, 150 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(245, 121, 150) }
```

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

```
.border{ border-color:rgb(245, 121, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 121, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 121, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 121, 150);  
box-shadow:4px 4px 4px 4px rgb(245, 121,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 245, 121, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 121, 150) }
```

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

```
.background{ background-color: rgb(245,  
121, 150) }
```

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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