

Converting Colors

`RYB(237, 118, 243)`

Have a look what the booklet for RYB(237, 118, 243) contains.

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Color

`RYB(237, 118, 243)`

Conversions

Conversions Part 1

Format	Color
Hex	ED76F3
RGB	237, 118, 243
RGB Percent	93%, 46%, 95%
CMY	0.0706, 0.5373, 0.0471
CMYK	0.02, 0.51, 0.00, 0.05
HSL	297°, 84%, 71%
HSV	297°, 51%, 95%
XYZ	57.5811, 37.4325, 88.9843
YIQ	167.8310, 30.7990, 64.1030

Conversions

Conversions Part 2

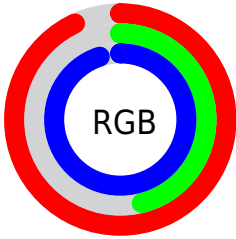
Format	Color
R _Y B	237, 118, 243
Decimal	15562483
CIE Lab	67.60, 62.73, -42.85
CIE LCh	68, 75.968, 325.663
Yxy	37.4325, 0.3129, 0.2034
Android (android.graphics.Color)	4293752563 (0xFFED76F3)
YUV	167.8310, 37.0583, 60.6612
Hunter-Lab	61.1821, 60.9256, -43.4050

Details

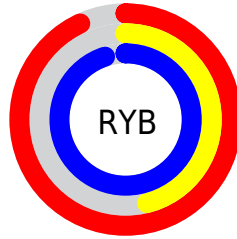
The RYB color **237, 118, 243** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **118, 243, 237**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 174, 255**, and **178, 62, 186** is the 20% darker color. If you saturate the color by 10%, you get **236, 94, 243**, and if you desaturate by 10%, it is **238, 142, 243**.

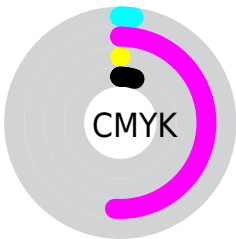
Distribution



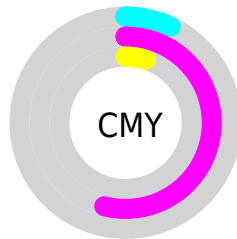
- Red (93%)
- Green (46%)
- Blue (95%)



- Red (93%)
- Yellow (46%)
- Blue (95%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 118, 243 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 237, 118, 243 by changing the saturation by 10% instead.

 237, 118, 243

 237, 118, 243


255, 255, 255

 207, 90, 214

 255, 174, 255

 178, 62, 186

 255, 203, 255

 150, 29, 159

 255, 232, 255

 122, 0, 132

 95, 0, 107

 68, 0, 82

 43, 0, 58

 0, 0, 35

 0, 0, 10

■ 237, 118, 243

■ 237, 118, 243

■ 236, 94, 243

■ 238, 142, 243

■ 235, 69, 243

■ 239, 167, 243

■ 234, 45, 243

■ 240, 191, 243

■ 232, 21, 243

■ 242, 215, 243

■ 231, 0, 243

■ 243, 239, 243

■ 243, 255, 254

■ 243, 255, 253

■ 243, 255, 252

■ 243, 255, 251

Harmonies

Analogous

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



142, 150, 255



237, 118, 243



255, 93, 178

Triad

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



237, 118, 243



61, 205, 0



0, 104, 222

Complementary

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



237, 118, 243



118, 243, 237

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, 110, 195



237, 118, 243



3, 178, 41

Square

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



237, 118, 243



255, 184, 48



12, 140, 190



0, 109, 255

Rectangle

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



237, 118, 243



255, 94, 132



12, 140, 190



0, 99, 200

Sweetspot

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



237, 118, 243



253, 217, 255



118, 124, 243



126, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 118, 243



247, 97, 255



243, 118, 187



122, 110, 122



177, 0, 186



56, 0, 59

Inverse Universe

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



243, 118, 124



255, 97, 104



118, 204, 243



122, 110, 111



186, 0, 9



59, 0, 3

Previews

White Background



This preview shows how the RYB color 237, 118, 243 looks on a white background.

Color Contrast Check

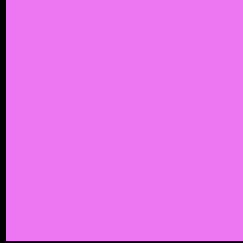
Large Text (above 18pt) WCAG AA × Fail

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 237, 118, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

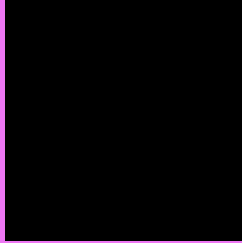
Any Text WCAG AA ✓ Pass

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 237, 118, 243 Background



This preview shows how black text looks on a background with the RYB color 237, 118, 243.

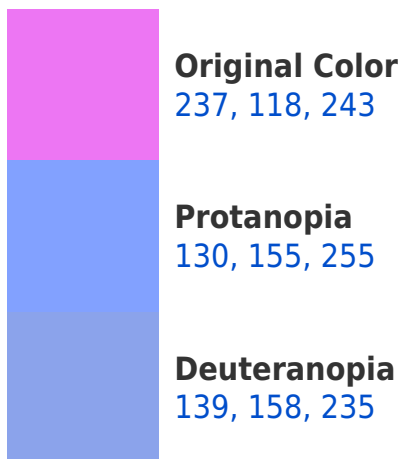



This preview shows how white text looks on a background with the RYB color 237, 118, 243.

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
225, 141, 151

Trichromacy



Original Color

237, 118, 243



Protanomaly

169, 146, 251



Deuteranomaly

175, 147, 238



Tritanomaly

229, 133, 184

Monochromacy



Original Color

237, 118, 243



Achromatopsia

168, 168, 168



Achromatomaly

193, 150, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 118, 243 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(237, 118, 243) looks like.

```
.text, #text, p{  
    color:rgb(237, 118, 243)  
}
```

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(237, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 118, 243) }
```

Border

The CSS property to change the border of an element to RYB 237, 118, 243 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(237, 118, 243) }
```

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

```
.border{ border-color:rgb(237, 118, 243) }
```

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

Here you see how a box with a 4 pixel rgb(237, 118, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 118, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 118, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 118,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 237, 118, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 118, 243) }
```

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

```
.background{ background-color: rgb(237,  
118, 243) }
```

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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