

Converting Colors

`RYB(238, 119, 188)`

Have a look what the booklet for
RYB(238, 119, 188) contains.

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Color

RYB(238, 119, 188)

Conversions

Conversions Part 1

Format	Color
Hex	EE77BC
RGB	238, 119, 188
RGB Percent	93%, 47%, 74%
CMY	0.0667, 0.5333, 0.2627
CMYK	0.00, 0.50, 0.21, 0.07
HSL	325°, 78%, 70%
HSV	325°, 50%, 93%
XYZ	50.9338, 35.0016, 51.6484
YIQ	162.4470, 48.7750, 46.6870

Conversions

Conversions Part 2

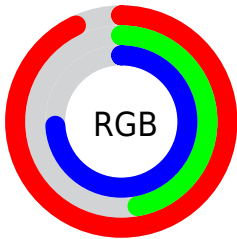
Format	Color
R _Y B	238, 119, 188
Decimal	15628220
CIE Lab	65.75, 53.75, -15.03
CIE LCh	66, 55.816, 344.379
Yxy	35.0016, 0.3702, 0.2544
Android (android.graphics.Color)	4293818300 (0xFFEE77BC)
YUV	162.4470, 12.5976, 66.2600
Hunter-Lab	59.1622, 50.1402, -10.3465

Details

The RYB color **238, 119, 188** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **119, 203, 238**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 174, 244**, and **179, 64, 135** is the 20% darker color. If you saturate the color by 10%, you get **238, 95, 178**, and if you desaturate by 10%, it is **238, 143, 198**.

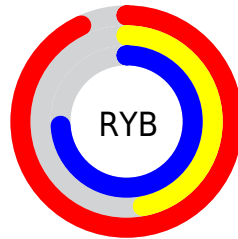
Distribution



Red (93%)

Green (47%)

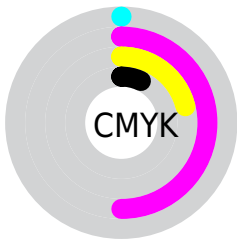
Blue (74%)



Red (93%)

Yellow (47%)

Blue (74%)

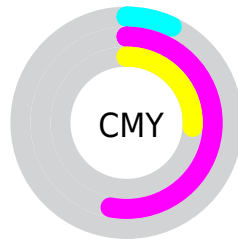


Cyan (0%)

Magenta (50%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (53%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 119, 188 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 238, 119, 188 by changing the saturation by 10% instead.

 238, 119, 188

 238, 119, 188


255, 255, 255

 208, 92, 161

 255, 174, 244

 179, 64, 135

 255, 203, 255

 151, 35, 109

 255, 232, 255


 123, 0, 85

 96, 0, 62

 69, 0, 40

 44, 0, 18

 0, 0, 0

 238, 119, 188

 238, 119, 188

■ 238, 95, 178

■ 238, 143, 198

■ 238, 71, 168

■ 238, 167, 208

■ 238, 48, 158

■ 238, 190, 218

■ 238, 24, 148

■ 238, 214, 228

■ 238, 0, 138

■ 238, 238, 238

■ 238, 249, 255

■ 238, 247, 255

Harmonies

Analogous

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



194, 137, 232



238, 119, 188



252, 116, 138

Triad

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



238, 119, 188



56, 165, 57



0, 101, 229

Complementary

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



238, 119, 188



119, 203, 238

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, 92, 184



238, 119, 188



85, 176, 153

Square

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



238, 119, 188



163, 209, 60



0, 107, 183



0, 103, 255

Rectangle

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



238, 119, 188



247, 125, 106



0, 107, 183



0, 99, 215

Sweetspot

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



238, 119, 188



255, 217, 239



169, 119, 238



128, 105, 118



0, 0, 0



128, 128, 128

Same Dimension

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



238, 119, 188



255, 102, 191



238, 119, 129



120, 108, 115



184, 0, 106



56, 0, 33

Inverse Universe

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



238, 119, 188



255, 102, 191



119, 181, 238



120, 108, 115



184, 0, 106



56, 0, 33

Previews

White Background



This preview shows how the RYB color 238, 119, 188 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 238, 119, 188 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 238, 119, 188 Background



This preview shows how black text looks on a background with the RYB color 238, 119, 188.

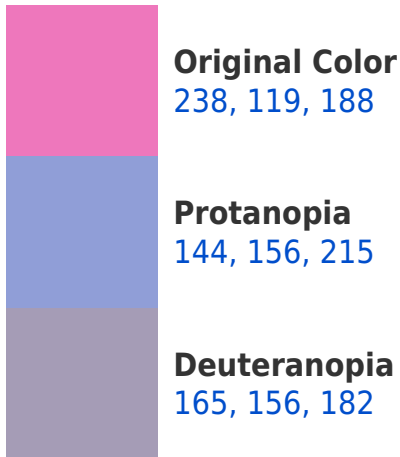


This preview shows how white text looks on a background with the RYB color 238, 119, 188.

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
233, 129, 139

Trichromacy



Original Color

238, 119, 188



Protanomaly

178, 144, 205



Deuteranomaly

192, 143, 184



Tritanomaly

235, 125, 157

Monochromacy



Original Color

238, 119, 188



Achromatopsia

162, 162, 162



Achromatomaly

190, 146, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 119, 188 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(238, 119, 188) looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 188)  
}
```

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(238, 119, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 188) }
```

Border

The CSS property to change the border of an element to RYB 238, 119, 188 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(238, 119, 188) }
```

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

```
.border{ border-color:rgb(238, 119, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 188);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 238, 119, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 188) }
```

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

```
.background{ background-color: rgb(238,  
119, 188) }
```

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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