

Converting Colors

`RYB(238, 92, 135)`

Have a look what the booklet for
RYB(238, 92, 135) contains.

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Color

RYB(238, 92, 135)

Conversions

Conversions Part 1

Format	Color
Hex	EE5C87
RGB	238, 92, 135
RGB Percent	93%, 36%, 53%
CMY	0.0667, 0.6392, 0.4706
CMYK	0.00, 0.61, 0.43, 0.07
HSL	342°, 81%, 65%
HSV	342°, 61%, 93%
XYZ	43.4602, 27.5807, 25.9547
YIQ	140.5560, 73.2130, 44.3250

Conversions

Conversions Part 2

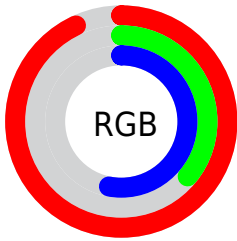
Format	Color
R _Y B	238, 92, 135
Decimal	15621255
CIE Lab	59.51, 59.74, 6.18
CIE LCh	60, 60.054, 5.905
Yxy	27.5807, 0.4481, 0.2844
Android (android.graphics.Color)	4293811335 (0xFFEE5C87)
YUV	140.5560, -2.7391, 85.4584
Hunter-Lab	52.5173, 55.8106, 7.4603

Details

The RYB color **238, 92, 135** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **92, 178, 238**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 148, 188**, and **177, 30, 86** is the 20% darker color. If you saturate the color by 10%, you get **238, 68, 118**, and if you desaturate by 10%, it is **238, 116, 152**.

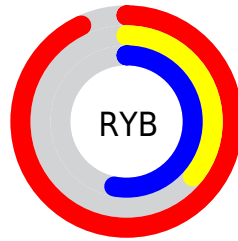
Distribution



Red (93%)

Green (36%)

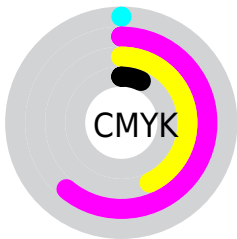
Blue (53%)



Red (93%)

Yellow (36%)

Blue (53%)

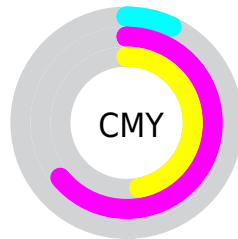


Cyan (0%)

Magenta (61%)

Yellow (43%)

Black (7%)



Cyan (7%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 92, 135 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, 92, 135 by changing the saturation by 10% instead.

 238, 92, 135

 238, 92, 135

255, 255, 255

 207, 63, 110

 255, 148, 188

 177, 30, 86

 255, 177, 216

 148, 0, 63

 255, 206, 244

 118, 0, 41

 255, 235, 255

 89, 0, 21


 63, 0, 3

 28, 0, 1

 0, 0, 0

 238, 92, 135

 238, 92, 135

 238, 68, 118

 238, 116, 152

 238, 44, 101

 238, 140, 169

 238, 21, 85

 238, 163, 185

 238, 0, 70

 238, 187, 202

 238, 211, 219

 238, 235, 236

 238, 247, 255

 238, 247, 255

Harmonies

Analogous

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



215, 102, 187



238, 92, 135



232, 106, 84

Triad

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



238, 92, 135



50, 158, 103



0, 96, 239

Complementary

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



238, 92, 135



92, 178, 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, 204



238, 92, 135



0, 104, 165

Square

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



238, 92, 135



41, 161, 22



0, 88, 168



25, 104, 249

Rectangle

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



238, 92, 135



215, 156, 55



0, 88, 168



0, 95, 230

Sweetspot

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



238, 92, 135



255, 209, 223



194, 92, 238



128, 99, 108



0, 0, 0



128, 128, 128

Same Dimension

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



238, 92, 135



255, 66, 122



238, 128, 92



120, 108, 111



184, 0, 54



56, 0, 17

Inverse Universe

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



238, 92, 135



255, 66, 122



92, 157, 238



120, 108, 111



184, 0, 54



56, 0, 17

Previews

White Background



This preview shows how the RYB color 238, 92, 135 looks on a white background.

Color Contrast Check

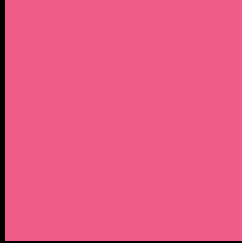
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 238, 92, 135 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](#).

RYB 238, 92, 135 Background



This preview shows how black text looks on a background with the RYB color 238, 92, 135.



This preview shows how white text looks on a background with the RYB color 238, 92, 135.

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](#).

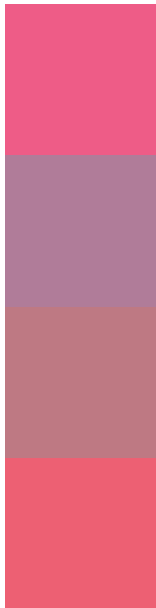
Dichromacy





Tritanopia
236, 98, 104

Trichromacy



Original Color
238, 92, 135

Protanomaly
176, 124, 153

Deuteranomaly
190, 121, 131

Tritanomaly
237, 96, 115

Monochromacy



Original Color
238, 92, 135

Achromatopsia
141, 141, 141

Achromatomaly
176, 123, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 92, 135 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, 92, 135)` looks like.

```
.text, #text, p{  
    color:rgb(238, 92, 135)  
}
```

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, 92, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 92, 135) }
```

Border

The CSS property to change the border of an element to RYB 238, 92, 135 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, 92, 135) }
```

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

```
.border{ border-color:rgb(238, 92, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 92, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 92, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 92, 135);  
box-shadow:4px 4px 4px 4px rgb(238, 92,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 238, 92, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 92, 135) }
```

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

```
.background{ background-color: rgb(238, 92,  
135) }
```

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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