

Converting Colors

`RYB(238, 148, 139)`

Have a look what the booklet for RYB(238, 148, 139) contains.

RYB(238, 148, 139)	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

R_YB(238, 148, 139)

Conversions

Conversions Part 1

Format	Color
Hex	EE938B
RGB	238, 147, 139
RGB Percent	93%, 58%, 55%
CMY	0.0667, 0.4225, 0.4549
CMYK	0.00, 0.38, 0.42, 0.07
HSL	5°, 74%, 74%
HSV	5°, 42%, 93%
XYZ	50.3927, 40.9865, 29.6813
YIQ	173.2970, 56.8040, 16.8040

Conversions

Conversions Part 2

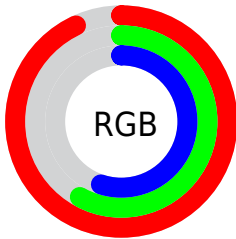
Format	Color
R _Y B	238, 148, 139
Decimal	15635339
CIE Lab	70.17, 33.27, 18.88
CIE LCh	70, 38.259, 29.575
Yxy	40.9865, 0.4163, 0.3386
Android (android.graphics.Color)	4293825419 (0xFFEE938B)
YUV	173.2970, -16.9084, 56.7445
Hunter-Lab	64.0207, 28.4668, 17.3264

Details

The RYB color **238, 148, 139** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **139, 186, 238**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 204, 192**, and **179, 95, 89** is the 20% darker color. If you saturate the color by 10%, you get **238, 126, 115**, and if you desaturate by 10%, it is **238, 170, 163**.

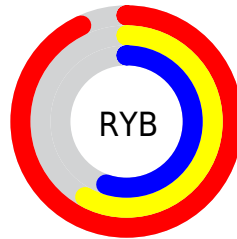
Distribution



Red (93%)

Green (58%)

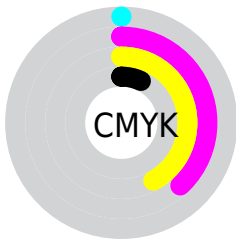
Blue (55%)



Red (93%)

Yellow (58%)

Blue (55%)

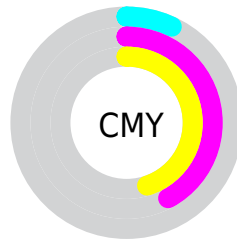


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (7%)



Cyan (7%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 148, 139 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, 148, 139 by changing the saturation by 10% instead.

 238, 148, 139

 238, 148, 139

255, 255, 255

 208, 122, 114

 255, 204, 192

 179, 95, 89

 255, 236, 220

 151, 70, 66

 249, 255, 249

 123, 46, 43


 95, 21, 23

 69, 0, 0

 45, 0, 1

 0, 0, 0

 238, 148, 139

 238, 148, 139

■ 238, 126, 115

■ 238, 170, 163

■ 238, 105, 91

■ 238, 191, 187

■ 238, 83, 68

■ 238, 213, 210

■ 238, 61, 44

■ 238, 235, 234

■ 238, 40, 20

■ 238, 247, 255

■ 238, 22, 0

Harmonies

Analogous

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



236, 144, 173



238, 148, 139



223, 186, 113

Triad

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



238, 148, 139



117, 173, 187



120, 158, 241

Complementary

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



238, 148, 139



139, 186, 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.



55, 129, 231



238, 148, 139



69, 135, 190

Square

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



238, 148, 139



110, 180, 131



13, 105, 205



175, 163, 232

Rectangle

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



238, 148, 139



169, 205, 103



13, 105, 205



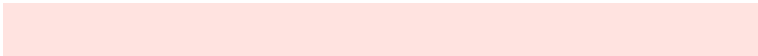
99, 150, 239

Sweetspot

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



238, 148, 139



255, 227, 224



238, 139, 230



128, 111, 110



0, 0, 0



128, 128, 128

Same Dimension

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



238, 148, 139



255, 139, 128



209, 238, 139



120, 109, 108



184, 16, 0



56, 5, 0

Inverse Universe

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



139, 186, 238



128, 189, 255



139, 168, 238



108, 114, 120



0, 88, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 238, 148, 139 looks on a white background.

Color Contrast Check

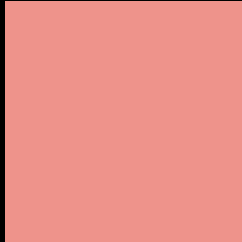
Large Text (above 18pt) WCAG AA × Fail

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, 148, 139 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, 148, 139 Background



This preview shows how black text looks on a background with the RYB color 238, 148, 139.

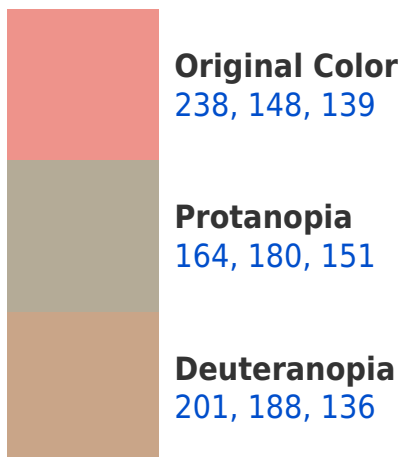



This preview shows how white text looks on a background with the RYB color 238, 148, 139.

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
239, 145, 156

Trichromacy



Original Color

238, 148, 139



Protanomaly

201, 168, 147



Deuteranomaly

214, 168, 137



Tritanomaly

239, 146, 150

Monochromacy



Original Color

238, 148, 139



Achromatopsia

173, 173, 173



Achromatomaly

197, 164, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 148, 139 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, 147, 139) looks like.

```
.text, #text, p{  
    color:rgb(238, 147, 139)  
}
```

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, 147, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 147, 139) }
```

Border

The CSS property to change the border of an element to RYB 238, 148, 139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

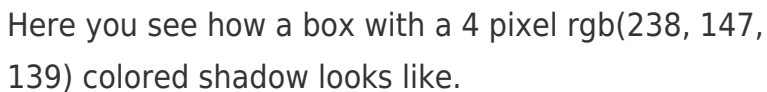
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 147, 139) }
```

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

```
.border{ border-color:rgb(238, 147, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 147, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 147, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 147, 139); box-shadow:4px 4px 4px 4px rgb(238, 147, 139) }
```

Background

The CSS property to change the background color of an element to RGB 238, 148, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 147, 139) }
```

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

```
.background{ background-color: rgb(238,  
147, 139) }
```

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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