

Converting Colors

`RYB(235, 137, 118)`

Have a look what the booklet for
RYB(235, 137, 118) contains.

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Color

R_YB(235, 137, 118)

Conversions

Conversions Part 1

Format	Color
Hex	EB8676
RGB	235, 134, 118
RGB Percent	92%, 53%, 46%
CMY	0.0784, 0.4732, 0.5373
CMYK	0.00, 0.43, 0.50, 0.08
HSL	8°, 75%, 69%
HSV	8°, 50%, 92%
XYZ	46.1039, 36.1161, 21.6807
YIQ	162.3750, 65.3320, 16.4360

Conversions

Conversions Part 2

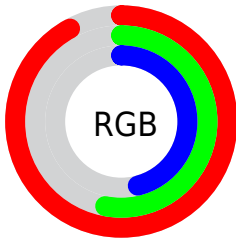
Format	Color
R _Y B	235, 137, 118
Decimal	15435382
CIE Lab	66.61, 36.79, 25.64
CIE LCh	67, 44.841, 34.875
Yxy	36.1161, 0.4437, 0.3476
Android (android.graphics.Color)	4293625462 (0xFFEB8676)
YUV	162.3750, -21.8769, 63.6921
Hunter-Lab	60.0966, 31.7694, 20.6780

Details

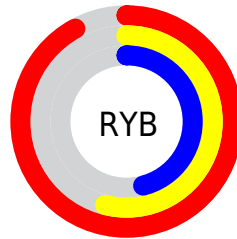
The RYB color **235, 137, 118** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **118, 172, 235**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 193, 170**, and **175, 84, 69** is the 20% darker color. If you saturate the color by 10%, you get **235, 117, 95**, and if you desaturate by 10%, it is **235, 157, 142**.

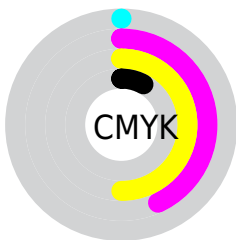
Distribution



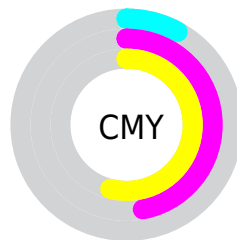
- Red (92%)
- Green (53%)
- Blue (46%)



- Red (92%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (50%)
- Black (8%)




- Cyan (8%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 137, 118 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 235, 137, 118 by changing the saturation by 10% instead.

 235, 137, 118

 235, 137, 118

255, 255, 255

 205, 110, 93

 255, 194, 170

 175, 85, 69

 255, 227, 198

 146, 59, 47

 239, 255, 226

 118, 32, 26

254, 255, 254


 90, 2, 0

 62, 0, 0

 36, 0, 1

 0, 0, 0

 235, 137, 118

 235, 137, 118

 235, 117, 95

 235, 157, 142

 235, 98, 71

 235, 177, 165

 235, 78, 48

 235, 196, 189

 235, 58, 24

 235, 215, 212

 235, 38, 0

 235, 235, 236

 235, 245, 255

Harmonies

Analogous

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



237, 129, 157



235, 137, 118



214, 201, 89

Triad

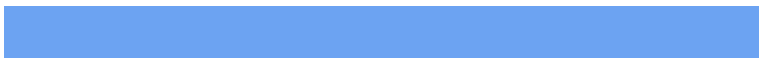
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 137, 118



85, 151, 180



108, 147, 242

Complementary

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



235, 137, 118



118, 172, 235

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, 100, 234



235, 137, 118



0, 95, 183

Square

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



235, 137, 118



94, 173, 129



0, 97, 207



174, 149, 228

Rectangle

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



235, 137, 118



133, 193, 80



0, 97, 207



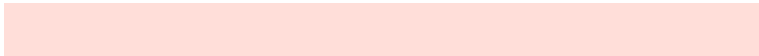
78, 136, 242

Sweetspot

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



235, 137, 118



255, 223, 217



235, 118, 219



128, 108, 105



0, 0, 0



128, 128, 128

Same Dimension

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



235, 137, 118



255, 126, 102



186, 235, 118



117, 107, 106



181, 29, 0



54, 8, 0

Inverse Universe

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



118, 172, 235



102, 173, 255



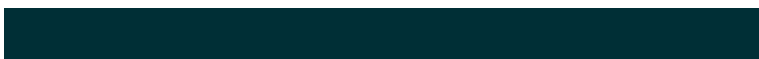
118, 149, 235



106, 111, 117



0, 84, 181



0, 25, 54

Previews

White Background



This preview shows how the RYB color 235, 137, 118 looks on a white background.

Color Contrast Check

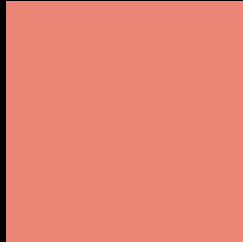
Large Text (above 18pt) WCAG AA × Fail

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 235, 137, 118 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 235, 137, 118 Background



This preview shows how black text looks on a background with the RYB color 235, 137, 118.

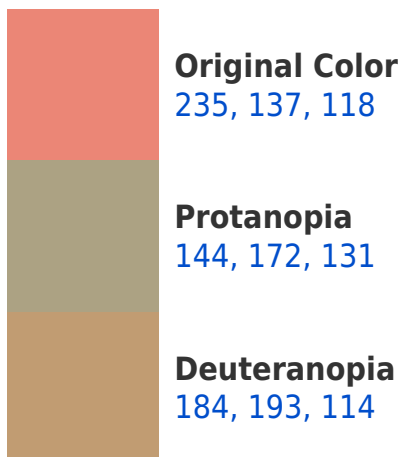



This preview shows how white text looks on a background with the RYB color 235, 137, 118.

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
237, 131, 141

Trichromacy



Original Color
235, 137, 118

Protanomaly
195, 168, 126

Deuteranomaly
208, 166, 115

Tritanomaly
236, 132, 133

Monochromacy



Original Color
235, 137, 118

Achromatopsia
163, 163, 163

Achromatomaly
189, 154, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 137, 118 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(235, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(235, 134, 118)  
}
```

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(235, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 134, 118) }
```

Border

The CSS property to change the border of an element to RYB 235, 137, 118 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(235, 134, 118) }
```

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

```
.border{ border-color:rgb(235, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 134, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 134, 118);  
box-shadow:4px 4px 4px 4px rgb(235, 134,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 235, 134, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 134, 118) }
```

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

```
.background{ background-color: rgb(235,  
134, 118) }
```

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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