

Converting Colors

`RYB(240, 138, 101)`

Have a look what the booklet for
RYB(240, 138, 101) contains.

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Color

`RYB(240, 138, 101)`

Conversions

Conversions Part 1

Format	Color
Hex	F08265
RGB	240, 130, 101
RGB Percent	94%, 51%, 40%
CMY	0.0588, 0.4893, 0.6039
CMYK	0.00, 0.46, 0.58, 0.06
HSL	13°, 82%, 67%
HSV	13°, 58%, 94%
XYZ	46.2963, 35.4891, 16.7219
YIQ	159.5840, 74.8690, 14.3010

Conversions

Conversions Part 2

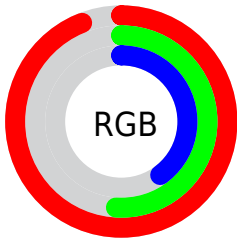
Format	Color
R_{YB}	240, 138, 101
Decimal	15762021
CIE _{Lab}	66.13, 39.41, 34.50
CIE _{LCh}	66, 52.371, 41.199
Yxy	35.4891, 0.4700, 0.3603
Android (android.graphics.Color)	4293952101 (0xFFFF08265)
YUV	159.5840, -28.8819, 70.5248
Hunter-Lab	59.5728, 34.4669, 25.0584

Details

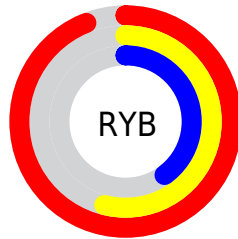
The RYB color **240, 138, 101** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **101, 162, 240**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 198, 152**, and **179, 84, 53** is the 20% darker color. If you saturate the color by 10%, you get **240, 120, 77**, and if you desaturate by 10%, it is **240, 155, 125**.

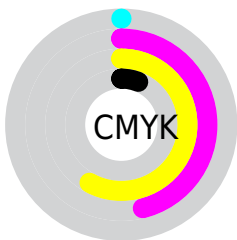
Distribution



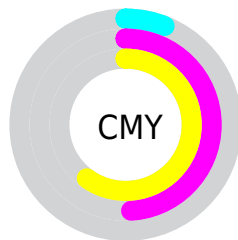
- Red (94%)
- Green (51%)
- Blue (40%)



- Red (94%)
- Yellow (54%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (6%)




- Cyan (6%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 138, 101 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 240, 138, 101 by changing the saturation by 10% instead.

 240, 138, 101


255, 255, 255

 255, 201, 152

 255, 241, 179

 225, 255, 207

 235, 255, 235

 240, 138, 101

 209, 111, 77

 179, 84, 53

 150, 58, 31

 120, 30, 9


 92, 0, 0

 63, 0, 0

 36, 0, 1

 0, 0, 0

 240, 138, 101

 240, 138, 101

240, 120, 77

240, 155, 125

240, 102, 53

240, 173, 149

240, 85, 29

240, 191, 173

240, 67, 5

240, 208, 197

240, 63, 0

240, 226, 221

240, 242, 245

240, 248, 255

Harmonies

Analogous

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



248, 120, 145



240, 138, 101



187, 212, 70

Triad

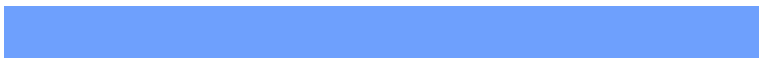
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 138, 101



36, 125, 182



110, 147, 253

Complementary

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



240, 138, 101



101, 162, 240

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, 102, 249



240, 138, 101



0, 94, 184

Square

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



240, 138, 101



87, 176, 144



0, 100, 221



187, 141, 232

Rectangle

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



240, 138, 101



97, 186, 62



0, 100, 221



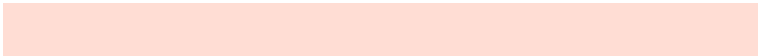
71, 133, 255

Sweetspot

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



240, 138, 101



255, 223, 212



240, 101, 212



128, 108, 102



0, 0, 0



128, 128, 128

Same Dimension

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



240, 138, 101



255, 124, 77



161, 240, 101



120, 110, 108



184, 49, 0



56, 15, 0

Inverse Universe

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



101, 162, 240



77, 155, 255



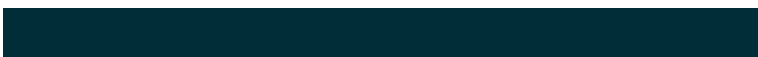
101, 133, 240



108, 113, 120



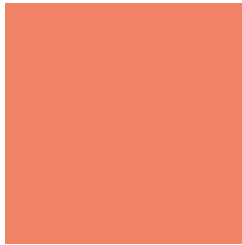
0, 81, 184



0, 25, 56

Previews

White Background



This preview shows how the RYB color 240, 138, 101 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 240, 138, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

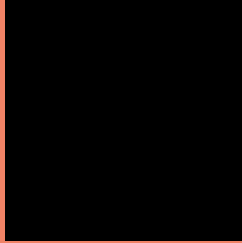
Any Text WCAG AA ✓ Pass

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 240, 138, 101 Background



This preview shows how black text looks on a background with the RYB color 240, 138, 101.

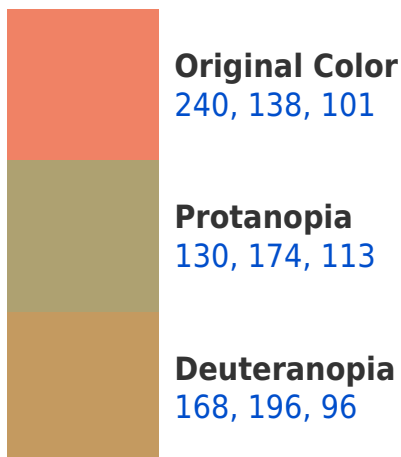


This preview shows how white text looks on a background with the RYB color 240, 138, 101.

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
242, 126, 135

Trichromacy



Original Color
240, 138, 101

Protanomaly
198, 185, 109

Deuteranomaly
212, 178, 98

Tritanomaly
241, 128, 123

Monochromacy



Original Color
240, 138, 101

Achromatopsia
160, 160, 160

Achromatomaly
189, 152, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 138, 101 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(240, 130, 101) looks like.

```
.text, #text, p{  
    color:rgb(240, 130, 101)  
}
```

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(240, 130, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 130, 101) }
```

Border

The CSS property to change the border of an element to RYB 240, 138, 101 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(240, 130, 101) }
```

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

```
.border{ border-color:rgb(240, 130, 101) }
```

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

Here you see how a box with a 4 pixel rgb(240, 130, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 130, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 130, 101);  
box-shadow:4px 4px 4px 4px rgb(240, 130,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 240, 138, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 130, 101) }
```

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

```
.background{ background-color: rgb(240,  
130, 101) }
```

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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