

Converting Colors

RGB(240, 159, 123)

Have a look what the booklet for
RGB(240, 159, 123) contains.

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Color

RGB(240, 159, 123)

Conversions

Conversions Part 1

Format	Color
Hex	F09F7B
RGB	240, 159, 123
RGB Percent	94%, 62%, 48%
CMY	0.0588, 0.3765, 0.5176
CMYK	0.00, 0.34, 0.49, 0.06
HSL	18°, 80%, 71%
HSV	18°, 49%, 94%
XYZ	51.9085, 44.7516, 24.6409
YIQ	179.1150, 59.8320, 5.9760

Conversions

Conversions Part 2

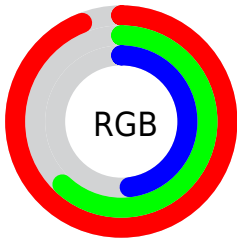
Format	Color
R_{YB}	240, 175, 123
Decimal	15769467
CIE _{Lab}	72.73, 26.25, 31.10
CIE _{LCh}	73, 40.698, 49.834
Yxy	44.7516, 0.4279, 0.3689
Android (android.graphics.Color)	4293959547 (0xFFFF09F7B)
YUV	179.1150, -27.6647, 53.3961
Hunter-Lab	66.8966, 21.4380, 24.9886

Details

The RGB color **240, 159, 123** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **123, 204, 240**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 214, 176**, and **181, 107, 74** is the 20% darker color. If you saturate the color by 10%, you get **240, 142, 99**, and if you desaturate by 10%, it is **240, 176, 147**.

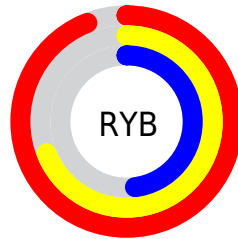
Distribution



Red (94%)

Green (62%)

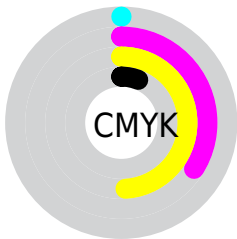
Blue (48%)



Red (94%)

Yellow (69%)

Blue (48%)

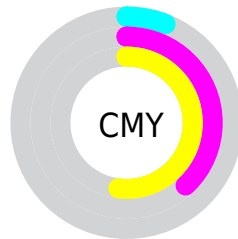


Cyan (0%)

Magenta (34%)

Yellow (49%)

Black (6%)



Cyan (6%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 159, 123 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 RGB color 240, 159, 123 by changing the saturation by 10% instead.


 240, 159, 123

 240, 159, 123

255, 255, 255

 210, 133, 98


 255, 214, 176

 181, 107, 74

 255, 243, 203

 152, 82, 50

 255, 255, 232

 124, 58, 28


 96, 35, 5

 69, 12, 0

 44, 0, 0

 0, 0, 0

 240, 159, 123

 240, 159, 123

240, 142, 99

240, 176, 147

240, 126, 75

240, 192, 171

240, 109, 51

240, 209, 195

240, 93, 27

240, 225, 219

240, 76, 3

240, 242, 243

240, 74, 0

240, 255, 255

Harmonies

Analogous

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



251, 150, 155



240, 159, 123



214, 172, 105

Triad

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



240, 159, 123



85, 197, 164



164, 174, 248

Complementary

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



240, 159, 123



123, 204, 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.



100, 186, 251



240, 159, 123



6, 198, 202

Square

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



240, 159, 123



135, 193, 129



8, 194, 234



213, 160, 227

Rectangle

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



240, 159, 123



191, 180, 104



8, 194, 234



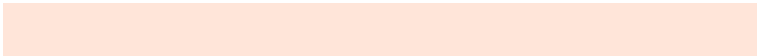
144, 178, 252

Sweetspot

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



240, 159, 123



255, 229, 217



240, 123, 205



128, 112, 105



0, 0, 0



128, 128, 128

Same Dimension

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



240, 159, 123



255, 151, 105



240, 217, 123



120, 112, 108



184, 56, 0



56, 17, 0

Inverse Universe

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



123, 204, 240



105, 209, 255



123, 146, 240



108, 116, 120



0, 127, 184



0, 39, 56

Previews

White Background



This preview shows how the RGB color 240, 159, 123 looks on a white background.

Color Contrast Check

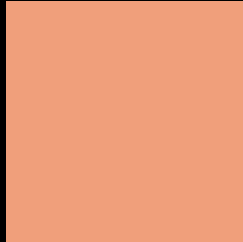
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 240, 159, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

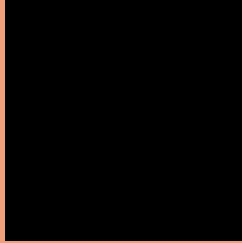
Any Text WCAG AA ✓ Pass

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](#).

RGB 240, 159, 123 Background



This preview shows how black text looks on a background with the RGB color 240, 159, 123.

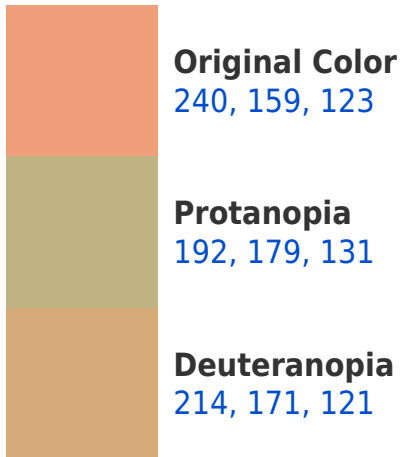



This preview shows how white text looks on a background with the RGB color 240, 159, 123.

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





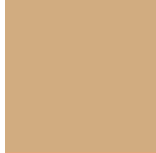
Tritanopia
243, 153, 165

Trichromacy



Original Color

240, 159, 123



Protanomaly

209, 172, 128



Deuteranomaly

223, 167, 122



Tritanomaly

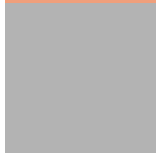
242, 155, 150

Monochromacy



Original Color

240, 159, 123



Achromatopsia

179, 179, 179



Achromatomaly

201, 172, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 159, 123 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, 159, 123) looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 123)  
}
```

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, 159, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 123) }
```

Border

The CSS property to change the border of an element to RGB 240, 159, 123 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, 159, 123) }
```

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

```
.border{ border-color:rgb(240, 159, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 123);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 240, 159, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 123) }
```

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

```
.background{ background-color: rgb(240,  
159, 123) }
```

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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