

Converting Colors

RGB(227, 152, 95)

Have a look what the booklet for
RGB(227, 152, 95) contains.

RGB(227, 152, 95)	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

RGB(227, 152, 95)

Conversions

Conversions Part 1	
Format	Color
Hex	E3985F
RGB	227, 152, 95
RGB Percent	89%, 60%, 37%
CMY	0.1098, 0.4039, 0.6275
CMYK	0.00, 0.33, 0.58, 0.11
HSL	26°, 70%, 63%
HSV	26°, 58%, 89%
XYZ	44.9723, 39.6136, 16.1024
YIQ	167.9270, 62.9970, -1.8270

Conversions

Conversions Part 2

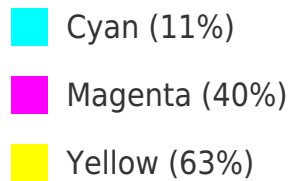
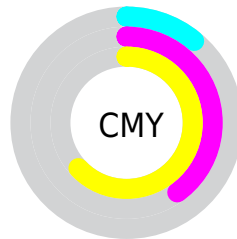
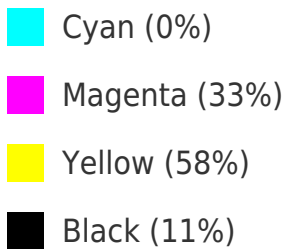
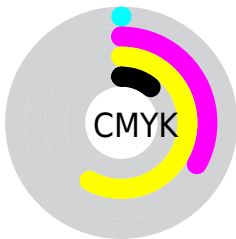
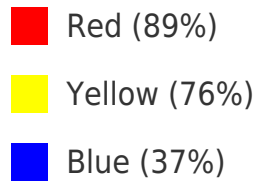
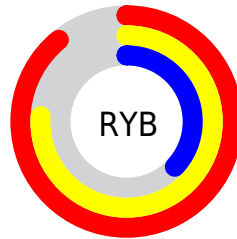
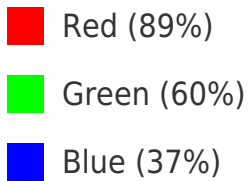
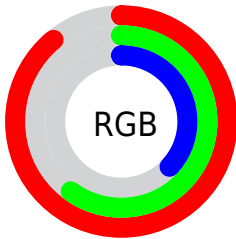
Format	Color
RYB	227, 195, 95
Decimal	14915679
CIELab	69.19, 22.41, 41.12
CIELCh	69, 46.828, 61.416
Yxy	39.6136, 0.4466, 0.3934
Android (android.graphics.Color)	4293105759 (0xFFE3985F)
YUV	167.9270, -35.9530, 51.8070
Hunter-Lab	62.9393, 17.4007, 28.8888

Details

The RGB color **227, 152, 95** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **95, 170, 227**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 207, 147**, and **168, 101, 46** is the 20% darker color. If you saturate the color by 10%, you get **227, 139, 72**, and if you desaturate by 10%, it is **227, 165, 118**.
















Distribution



Brightness & Saturation Gradients


These gradients show how the RGB color 227, 152, 95 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 227, 152, 95 by changing the saturation by 10% instead.

 227, 152, 95	 227, 152, 95
 255, 255, 255	 197, 126, 70
 255, 207, 147	 168, 101, 46
 255, 235, 174	 139, 76, 22
 255, 255, 201	 111, 53, 0
 255, 255, 230	 83, 31, 0
	 56, 9, 0
	 33, 0, 1
	 0, 0, 0

 227, 152, 95	 227, 152, 95
--	--

 227, 139, 72

 227, 165, 118

 227, 126, 50

 227, 178, 140

 227, 113, 27

 227, 191, 163

 227, 100, 4

 227, 204, 186

 227, 98, 0

 227, 216, 209

 227, 229, 231

 227, 242, 254

 227, 255, 255

Harmonies

Analogous

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



247, 138, 127



227, 152, 95



193, 167, 82

Triad

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



227, 152, 95



0, 191, 170



175, 157, 241

Complementary

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



227, 152, 95



95, 170, 227

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.



101, 173, 253



227, 152, 95



0, 190, 212

Square

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



227, 152, 95



95, 187, 127



0, 184, 243



223, 142, 210

Rectangle

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



227, 152, 95



165, 176, 87



0, 184, 243



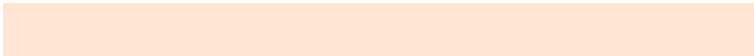
153, 163, 248

Sweetspot

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



227, 152, 95



255, 230, 212



227, 95, 172



128, 113, 102



0, 0, 0



128, 128, 128

Same Dimension

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



227, 152, 95



255, 154, 77



227, 216, 95



115, 108, 103



179, 77, 0



51, 22, 0

Inverse Universe

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



95, 170, 227



77, 178, 255



95, 106, 227



103, 110, 115



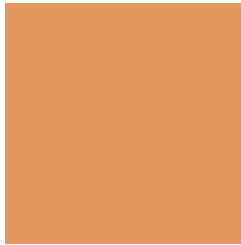
0, 101, 179



0, 29, 51

Previews

White Background



This preview shows how the RGB color 227, 152, 95 looks on a white background.

Color Contrast Check

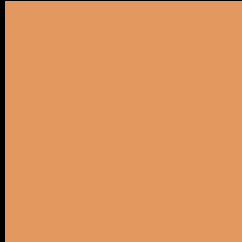
Large Text (above 18pt) WCAG AA × Fail

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 227, 152, 95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

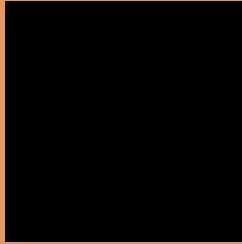
Any Text WCAG AA ✓ Pass

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 227, 152, 95 Background



This preview shows how black text looks on a background with the RGB color 227, 152, 95.



This preview shows how white text looks on a background with the RGB color 227, 152, 95.

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



Original Color


227, 152, 95

Protanopia

185, 169, 101

Deuteranopia

207, 161, 93



Tritanopia

231, 145, 155

Trichromacy



Original Color

227, 152, 95

Protanomaly

200, 163, 99

Deuteranomaly

214, 158, 94

Tritanomaly

230, 148, 133

Monochromacy



Original Color

227, 152, 95

Achromatopsia

168, 168, 168

Achromatomaly

189, 162, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 152, 95 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(227, 152, 95)` looks like.

```
.text, #text, p{  
    color:rgb(227, 152, 95)  
}
```

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(227, 152, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 152, 95) }
```

Border

The CSS property to change the border of an element to RGB 227, 152, 95 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(227, 152, 95) }
```

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

```
.border{ border-color:rgb(227, 152, 95) }
```

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

Here you see how a box with a 4 pixel rgb(227, 152, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 152, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 152, 95);  
box-shadow:4px 4px 4px 4px rgb(227, 152,  
95) }
```

Background

The CSS property to change the background color of an element to RGB 227, 152, 95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 152, 95) }
```

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

```
.background{ background-color: rgb(227,  
152, 95) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor