Converting Colors

RGB(224, 129, 55)

Have a look what the booklet for RGB(224, 129, 55) contains.

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Color

RGB(224, 129, 55)

Conversions

Conversions Part 1

Format	Color
Hex	E08137
RGB	224, 129, 55
RGB Percent	88%, 51%, 22%
CMY	0.1216, 0.4941, 0.7843
CMYK	0.00, 0.42, 0.75, 0.12
HSL	26°, 73%, 55%
HSV	26°, 75%, 88%
XYZ	39.2803, 31.8236, 7.6867
YIQ	148.9690, 80.3740, -2.8740

Conversions

Conversions Part 2

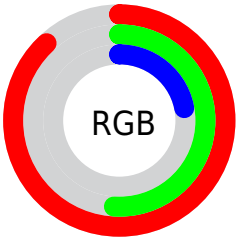
Format	Color
RYB	224, 187, 55
Decimal	14713143
CIELab	63.20, 31.07, 53.89
CIELCh	63, 62.202, 60.035
Yxy	31.8236, 0.4985, 0.4039
Android (android.graphics.Color)	4292903223 (0xFFE08137)
YUV	148.9690, -46.3267, 65.8022
Hunter-Lab	56.4124, 25.5688, 31.4099

Details

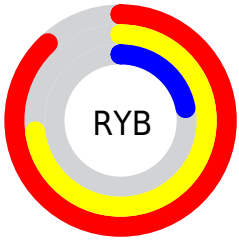
The RGB color 224, 129, 55 is a dark color, and the websafe version is hex CC6633. The color can be described as middle washed orange. A complement of this color would be 55, 150, 224, and the grayscale version is 149, 149, 149.

A 20% lighter version of the original color is 255, 183, 106, and 163, 78, 0 is the 20% darker color. If you saturate the color by 10%, you get 224, 116, 33, and if you desaturate by 10%, it is 224, 142, 77.

Distribution

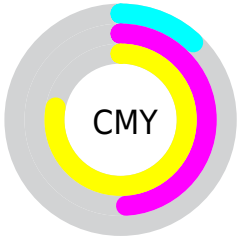


- Red (88%)
- Green (51%)
- Blue (22%)



- Red (88%)
- Yellow (73%)
- Blue (22%)

- Cyan (0%)
- Magenta (42%)
- Yellow (75%)
- Black (12%)



- Cyan (12%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 129, 55 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 224, 129, 55 by changing the saturation by 10% instead.

224, 129, 55	224, 129, 55
255, 255, 255	193, 103, 29
255, 183, 106	163, 78, 0
255, 210, 132	133, 54, 0
255, 239, 159	104, 31, 0
255, 255, 187	75, 5, 0
255, 255, 215	49, 0, 0
255, 255, 244	5, 0, 0
	0, 0, 0

224, 129, 55	224, 129, 55

224, 116, 33

224, 104, 10

224, 98, 0

224, 142, 77

224, 154, 100

224, 167, 122

224, 179, 145

224, 192, 167

224, 205, 189

224, 217, 212

224, 230, 234

224, 242, 255

Harmonies

Analogous

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

250, 108, 101

224, 129, 55

181, 150, 27

Triad

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

224, 129, 55

0, 179, 151

152, 138, 249

Complementary

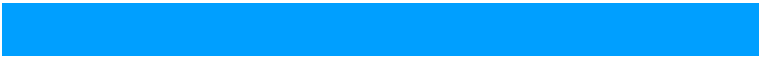
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

224, 129, 55

55, 150, 224

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, 159, 255

224, 129, 55

0, 179, 207

Square

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

224, 129, 55

35, 175, 95

0, 173, 248

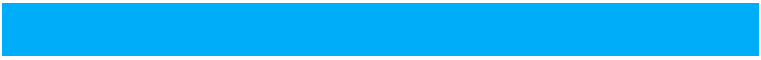
220, 114, 209

Rectangle

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

224, 129, 55

146, 161, 36



0, 173, 248

119, 146, 255

Sweetspot

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

224, 129, 55

255, 222, 196

224, 55, 151

128, 107, 92

0, 0, 0

128, 128, 128

Same Dimension

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

224, 129, 55

255, 125, 23

224, 213, 55

112, 106, 101

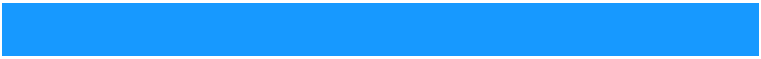
176, 77, 0

48, 21, 0

Inverse Universe

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

55, 150, 224



23, 153, 255

55, 66, 224

101, 107, 112

0, 99, 176

0, 27, 48

Previews

White Background

This preview shows how the RGB color 224, 129, 55 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

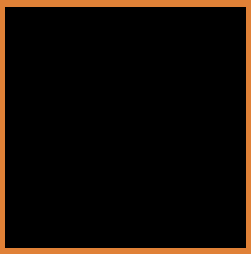
This preview shows how the RGB color 224, 129, 55 looks on a black background.

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 224, 129, 55 Background



This preview shows how black text looks on a background with the RGB color 224, 129, 55.

This preview shows how white text looks on a background with the RGB color 224, 129, 55.

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
224, 129, 55

Protanopia
171, 154, 62

Deuteranopia
192, 146, 50

Tritanopia
228, 121, 130

Trichromacy

Original Color
224, 129, 55

Protanomaly
190, 145, 59

Deuteranomaly
204, 140, 52

Tritanomaly
227, 124, 103

Monochromacy

Original Color
224, 129, 55

Achromatopsia
149, 149, 149

Achromatomaly
176, 142, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 129, 55 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(224, 129, 55) looks like.

```
.text, #text, p{
    color:rgb(224, 129, 55)
}
```

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(224, 129, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 129, 55) }
```

Border

The CSS property to change the border of an element to RGB 224, 129, 55 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(224, 129, 55) }
```

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

```
.border{ border-color:rgb(224, 129, 55) }
```

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

Here you see how a box with a 4 pixel rgb(224, 129, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 129, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 129, 55); box-shadow:4px 4px 4px 4px rgb(224, 129, 55) }
```

Background

The CSS property to change the background color of an element to RGB 224, 129, 55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(224, 129, 55) }
```

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

```
.background{ background-color:rgb(224,
129, 55) }
```

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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