Converting Colors

RGB(219, 107, 37)

Have a look what the booklet for RGB(219, 107, 37) contains.

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Color

RGB(219, 107, 37)

Conversions

Format	Color
Hex	DB6B25
RGB	219, 107, 37
RGB Percent	86%, 42%, 15%
CMY	0.1412, 0.5804, 0.8549
CMYK	0.00, 0.51, 0.83, 0.14
HSL	23°, 72%, 50%
HSV	23°, 83%, 86%
XYZ	34.8050, 25.7090, 4.8782
YIQ	132.5080, 89.2220, 1.9740

Conversions Part 1

Conversions

Conversions Part 2

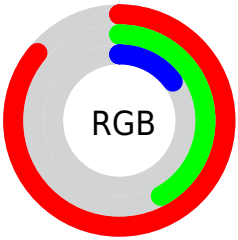
Format	Color
RYB	219, 151, 37
Decimal	14379813
CIELab	57.76, 39.79, 56.14
CIELCh	58, 68.807, 54.675
Yxy	25.7090, 0.5323, 0.3932
Android (android.graphics.Color)	4292569893 (0xFFDB6B25)
YUV	132.5080, -47.0854, 75.8535
Hunter-Lab	50.7041, 33.7965, 29.7886

Details

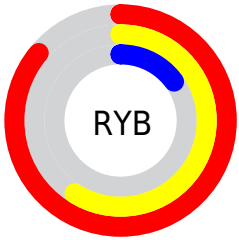
The RGB color 219, 107, 37 is a dark color, and the websafe version is hex CC6600. The color can be described as dark washed orange. A complement of this color would be 37, 149, 219, and the grayscale version is 133, 133, 133.

A 20% lighter version of the original color is 255, 160, 88, and 157, 56, 0 is the 20% darker color. If you saturate the color by 10%, you get 219, 94, 15, and if you desaturate by 10%, it is 219, 120, 59.

Distribution

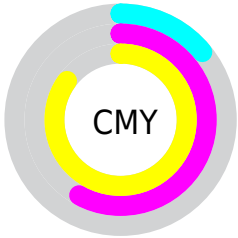


- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (59%)
- Blue (15%)

- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 107, 37 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 219, 107, 37 by changing the saturation by 10% instead.

219, 107, 37	219, 107, 37
255, 255, 255	188, 81, 6
255, 160, 88	157, 56, 0
255, 188, 114	127, 30, 0
255, 216, 141	97, 0, 0
255, 245, 168	68, 0, 0
255, 255, 196	43, 0, 1
255, 255, 224	0, 0, 0
255, 255, 253	

219, 107, 37	219, 107, 37

219, 94, 15

219, 84, 0

219, 120, 59

219, 134, 81

219, 147, 103

219, 161, 125

219, 174, 147

219, 188, 168

219, 201, 190

219, 215, 212

219, 228, 234

Harmonies

Analogous

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

243, 81, 92

219, 107, 37

176, 132, 0

Triad

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

219, 107, 37

0, 165, 126

114, 127, 249

Complementary

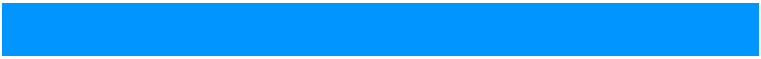
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

219, 107, 37

37, 149, 219

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, 149, 255

219, 107, 37

0, 166, 187

Square

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

219, 107, 37

5, 160, 64

0, 161, 236

200, 98, 209

Rectangle

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

219, 107, 37

139, 145, 0

0, 161, 236

57, 136, 255

Sweetspot

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

219, 107, 37

255, 216, 191

219, 37, 149

128, 104, 89

0, 0, 0

128, 128, 128

Same Dimension

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

219, 107, 37

255, 98, 0

219, 198, 37

110, 103, 99

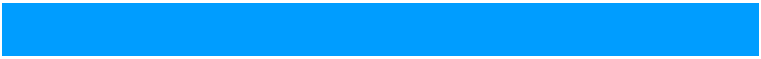
173, 67, 0

46, 18, 0

Inverse Universe

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

37, 149, 219



0, 157, 255

37, 58, 219

99, 105, 110

0, 107, 173

0, 28, 46

Previews

White Background

This preview shows how the RGB color 219, 107, 37 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background

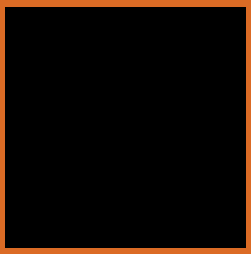
This preview shows how the RGB color 219, 107, 37 looks on a black background.

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 ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 219, 107, 37 Background



This preview shows how black text looks on a background with the RGB color 219, 107, 37.

This preview shows how white text looks on a background with the RGB color 219, 107, 37.

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
219, 107, 37

Protanopia
156, 140, 45

Deuteranopia
176, 132, 26

Tritanopia
222, 100, 107

Trichromacy

Original Color
219, 107, 37

Protanomaly
179, 128, 42

Deuteranomaly
192, 123, 30

Tritanomaly
221, 103, 82

Monochromacy

Original Color
219, 107, 37

Achromatopsia
133, 133, 133

Achromatomaly
164, 124, 98

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 107, 37 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(219, 107, 37) looks like.

```
.text, #text, p{
    color:rgb(219, 107, 37)
}
```

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(219, 107, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 107, 37) }
```

Border

The CSS property to change the border of an element to RGB 219, 107, 37 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(219, 107, 37) }
```

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

```
.border{ border-color:rgb(219, 107, 37) }
```

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

Here you see how a box with a 4 pixel rgb(219, 107, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 107, 37); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 107, 37); box-shadow:4px 4px 4px 4px rgb(219, 107, 37) }
```

Background

The CSS property to change the background color of an element to RGB 219, 107, 37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(219, 107, 37) }
```

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

```
.background{ background-color:rgb(219,
107, 37) }
```

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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