

Converting Colors

Hex(E27517)

Have a look what the booklet for
Hex(E27517) contains.

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Color

Hex(E27517)

Conversions

Conversions Part 1

Format	Color
Hex	E27517
RGB	226, 117, 23
RGB Percent	89%, 46%, 9%
CMY	0.1137, 0.5412, 0.9098
CMYK	0.00, 0.48, 0.90, 0.11
HSL	28°, 82%, 49%
HSV	28°, 90%, 89%
XYZ	37.8800, 28.9532, 4.4026
YIQ	138.8750, 95.1380, -6.1260

Conversions

Conversions Part 2

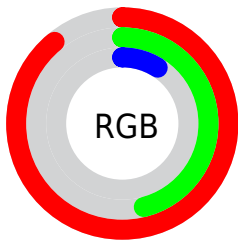
Format	Color
R_{YB}	226, 198, 23
Decimal	14841111
CIE _{Lab}	60.74, 37.18, 63.66
CIE _{LCh}	61, 73.725, 59.717
Yxy	28.9532, 0.5318, 0.4064
Android (android.graphics.Color)	4293031191 (0xFFE27517)
YUV	138.8750, -57.1264, 76.4086
Hunter-Lab	53.8082, 31.4965, 32.8145

Details

The Hex color **E27517** 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 **1784E2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAA4F**, and **A44200** is the 20% darker color. If you saturate the color by 10%, you get **E26900**, and if you desaturate by 10%, it is **E2812E**.

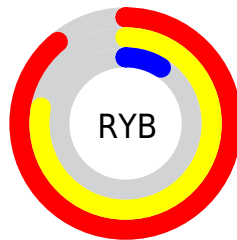
Distribution



Red (89%)

Green (46%)

Blue (9%)



Red (89%)

Yellow (78%)

Blue (9%)

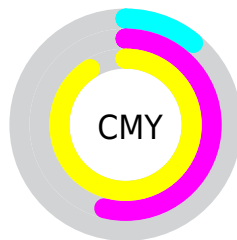


Cyan (0%)

Magenta (48%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E27517 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 Hex color E27517 by changing the saturation by 10% instead.

 E27517

 E27517

FFFFFF

 C35B00

 FFAA4F

 A44200

 FFC66A

 852900

 FFE285

 670E00

 FFFFA0

 4A0000

 FFFFBC

 310001

 FFFFD9

 000000

 FFFFF6

 E27517

 E27517

 E26900

 E2812E

 E28D44

 E2995B

 E2A671

 E2B288

 E2BE9F

 E2CAB5

 E2D6CC

 E2E2E2

Harmonies

Analogous

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



FF5756



E27517



B08F00

Triad

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



E27517



00AF90



8C81FF

Complementary

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



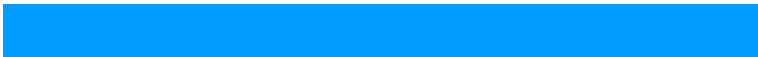
E27517



1784E2

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.



009BFF



E27517



00AFD2

Square

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



E27517



00AB4C



00A9FF



DF61D5

Rectangle

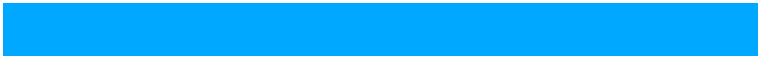
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E27517



879C00



00A9FF



5C8BFF

Sweetspot

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



E27517



FFDABA



E21787



806A57



000000



808080

Same Dimension

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



E27517



FF7600



E2D817



706A65



B05100



301600

Inverse Universe

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



1784E2



0089FF



1721E2



656B70



005EB0



001A30

Previews

White Background



This preview shows how the Hex color E27517 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



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](#).

Hex E27517 Background



This preview shows how black text looks on a background with the Hex color E27517.



This preview shows how white text looks on a background with the Hex color E27517.

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
E27517

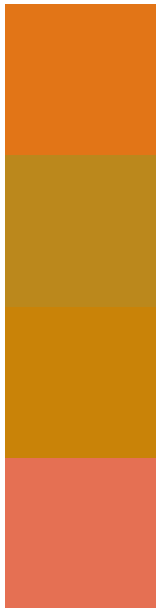
Protanopia
A5931F

Deuteranopia
BA8B00



Tritanopia
E66D75

Trichromacy



Original Color
E27517

Protanomaly
BB881C

Deuteranomaly
C98308

Tritanomaly
E57053

Monochromacy



Original Color
E27517

Achromatopsia
8B8B8B

Achromatomaly
AB8361

CSS Examples

Text

The CSS property to change the color of the text to Hex E27517 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 #E27517 looks like.

```
.text, #text, p{  
    color:#E27517  
}
```

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 #E27517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27517
}
```

Border

The CSS property to change the border of an element to Hex E27517 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
#E27517 }
```

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

```
.border{ border-color:#E27517 }
```

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

Here you see how a box with a 4 pixel #E27517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27517; -webkit-box-shadow:4px 4px  
4px 4px #E27517; box-shadow:4px 4px 4px  
4px #E27517 }
```

Background

The CSS property to change the background color of an element to Hex E27517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27517 }
```

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

```
.background{ background-color:#E27517 }
```

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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