

Converting Colors

Hex(E67A28)

Have a look what the booklet for
Hex(E67A28) contains.

Hex(E67A28)	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

Hex(E67A28)

Conversions

Conversions Part 1

Format	Color
Hex	E67A28
RGB	230, 122, 40
RGB Percent	90%, 48%, 16%
CMY	0.0980, 0.5216, 0.8431
CMYK	0.00, 0.47, 0.83, 0.10
HSL	26°, 79%, 53%
HSV	26°, 83%, 90%
XYZ	39.9757, 30.8953, 5.8639
YIQ	144.9440, 90.6900, -2.6060

Conversions

Conversions Part 2

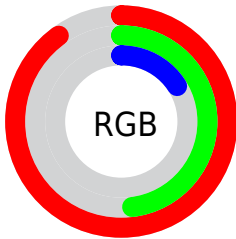
Format	Color
R _Y B	230, 184, 40
Decimal	15104552
CIE Lab	62.42, 36.60, 59.68
CIE LCh	62, 70.010, 58.476
Yxy	30.8953, 0.5210, 0.4026
Android (android.graphics.Color)	4293294632 (0xFFE67A28)
YUV	144.9440, -51.7374, 74.5941
Hunter-Lab	55.5835, 31.1061, 32.6535

Details

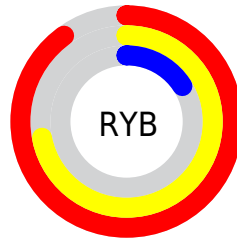
The Hex color **E67A28** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2894E6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB05D**, and **A84700** is the 20% darker color. If you saturate the color by 10%, you get **E66D11**, and if you desaturate by 10%, it is **E6873F**.

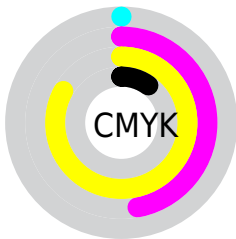
Distribution



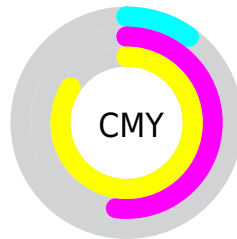
- Red (90%)
- Green (48%)
- Blue (16%)



- Red (90%)
- Yellow (72%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (83%)
- Black (10%)



- Cyan (10%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67A28 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 E67A28 by changing the saturation by 10% instead.

 E67A28

 E67A28

FFFFFF

 C76007

 FFB05D

 A84700

 FFCB77

 892E00

 FFE892

 6B1400

 FFFFAD

 4E0000

 FFFFC9

 340000

 FFFF E6

 0A0000

 000000

 E67A28

 E67A28

 E66D11

 E6873F

 E66300

 E69456

 E6A16D

 E6AE84

 E6BB9B

 E6C8B2

 E6D6C9

 E6E3E0

 E6F0F7

Harmonies

Analogous

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



FF5F60



E67A28



B79300

Triad

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



E67A28



00B392



8E88FF

Complementary

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



E67A28



2894E6

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.



009FFF



E67A28



00B3D1

Square

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



E67A28



00AF52



00ADFF



DE6AD9

Rectangle

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



E67A28



90A000



00ADFF



6191FF

Sweetspot

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



E67A28



FFDBBF



E62897



806A59



000000



808080

Same Dimension

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



E67A28



FF7003



E6D628



736C67



B34D00



331600

Inverse Universe

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



2894E6



0392FF



2838E6



676E73



0065B3



001D33

Previews

White Background



This preview shows how the Hex color E67A28 looks on a white background.

Color Contrast Check

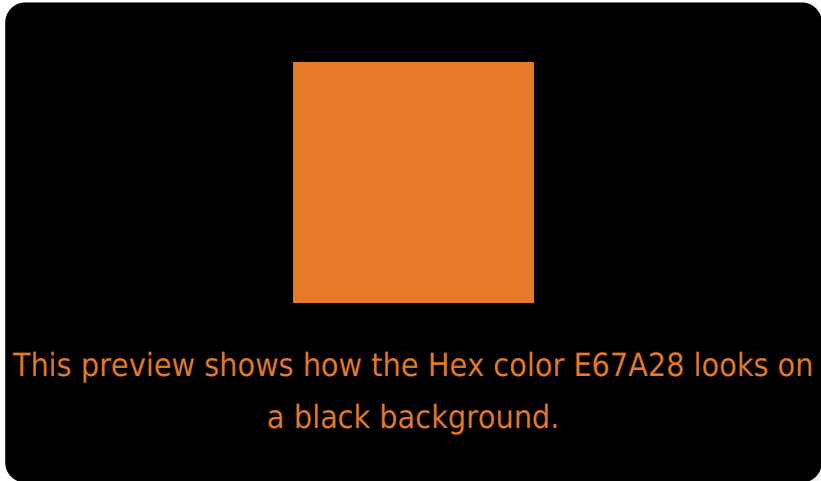
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Hex E67A28 Background



This preview shows how black text looks on a background with the Hex color E67A28.



This preview shows how white text looks on a background with the Hex color E67A28.

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
E67A28

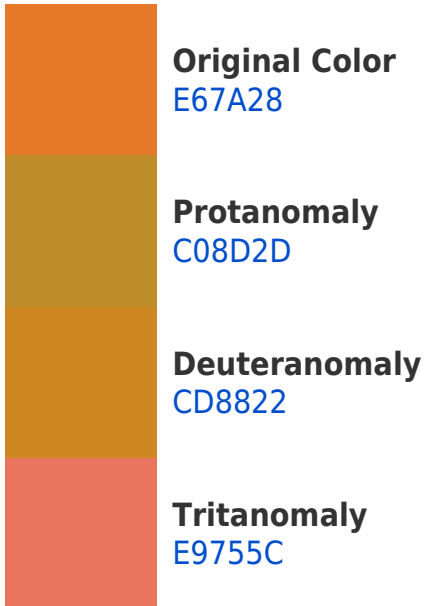
Protanopia
AA9830

Deuteranopia
BF901E



Tritanopia
EA727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E67A28 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 #E67A28 looks like.

```
.text, #text, p{  
    color:#E67A28  
}
```

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 #E67A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67A28
}
```

Border

The CSS property to change the border of an element to Hex E67A28 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
#E67A28 }
```

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

```
.border{ border-color:#E67A28 }
```

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

Here you see how a box with a 4 pixel #E67A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67A28; -webkit-box-shadow:4px 4px  
4px 4px #E67A28; box-shadow:4px 4px 4px  
4px #E67A28 }
```

Background

The CSS property to change the background color of an element to Hex E67A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67A28 }
```

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

```
.background{ background-color:#E67A28 }
```

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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