

Converting Colors

Hex(E67036)

Have a look what the booklet for
Hex(E67036) contains.

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Color

Hex(E67036)

Conversions

Conversions Part 1

Format	Color
Hex	E67036
RGB	230, 112, 54
RGB Percent	90%, 44%, 21%
CMY	0.0980, 0.5608, 0.7882
CMYK	0.00, 0.51, 0.77, 0.10
HSL	20°, 78%, 56%
HSV	20°, 77%, 90%
XYZ	39.0932, 28.6777, 6.9649
YIQ	140.6700, 88.9460, 6.9780

Conversions

Conversions Part 2

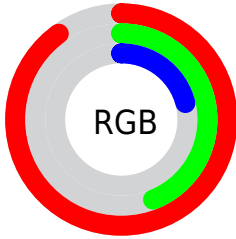
Format	Color
R _Y B	230, 141, 54
Decimal	15102006
CIE Lab	60.50, 42.12, 51.90
CIE LCh	60, 66.841, 50.943
Yxy	28.6777, 0.5231, 0.3837
Android (android.graphics.Color)	4293292086 (0xFFE67036)
YUV	140.6700, -42.7283, 78.3424
Hunter-Lab	53.5515, 36.5916, 29.7748

Details

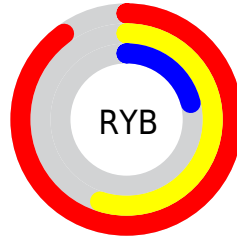
The Hex color **E67036** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **36ACE6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA668**, and **A83C00** is the 20% darker color. If you saturate the color by 10%, you get **E6611F**, and if you desaturate by 10%, it is **E67F4D**.

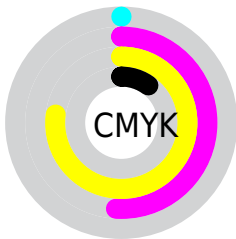
Distribution



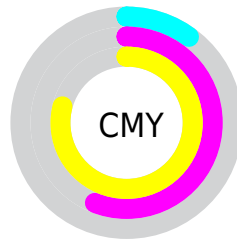
- Red (90%)
- Green (44%)
- Blue (21%)



- Red (90%)
- Yellow (55%)
- Blue (21%)



- Cyan (0%)
- Magenta (51%)
- Yellow (77%)
- Black (10%)



- Cyan (10%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67036 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 E67036 by changing the saturation by 10% instead.

 E67036

 E67036

FFFFFF

 C7561D

 FFA668

 A83C00

 FFC282

 8A2200

 FFDE9D

 6B0000

 FFFBB8

 4E0000

 FFFFD4

 340002

 FFFFF1

 030000

 000000

 E67036

 E67036

 E6611F

 E67F4D

 E65108

 E68F64

 E64C00

 E69E7B

 E6AE92

 E6BDA9

 E6CDC0

 E6DCD7

 E6EBEE

 E6FBFF

Harmonies

Analogous

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



FA596B



E67036



BD8900

Triad

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



E67036



00AC7D



6C8AFF

Complementary

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



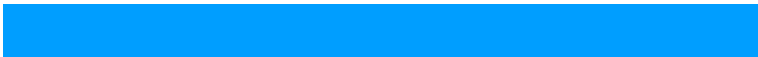
E67036



36ACE6

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.



009EFF



E67036



00ADBA

Square

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



E67036



37A742



00A9ED



C76FDD

Rectangle

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



E67036



9A9600



00A9ED



2C92FF

Sweetspot

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



E67036



FFD8C4



E636AE



80685C



000000



808080

Same Dimension

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



E67036



FF6214



E6C636



736B67



B33B00



331100

Inverse Universe

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



36ACE6



14B2FF



3656E6



676F73



0078B3



002233

Previews

White Background



This preview shows how the Hex color E67036 looks on a white background.

Color Contrast Check

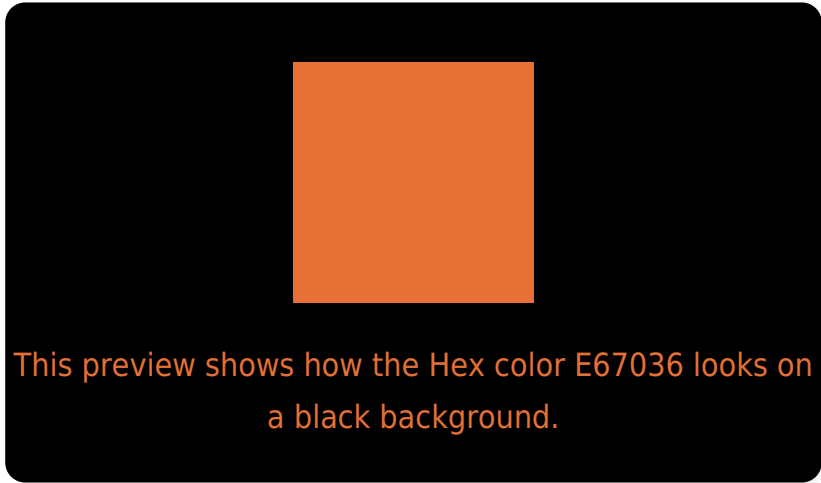
Large Text (above 18pt) WCAG AA ✓ Pass

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 E67036 Background



This preview shows how black text looks on a background with the Hex color E67036.

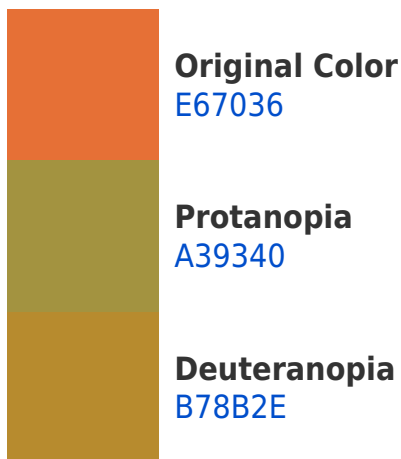


This preview shows how white text looks on a background with the Hex color E67036.

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





Tritanopia
E96A71

Trichromacy



Original Color
E67036

Protanomaly
BB863C

Deuteranomaly
C88131

Tritanomaly
E86C5C

Monochromacy



Original Color
E67036

Achromatopsia
8D8D8D

Achromatomaly
AD826D

CSS Examples

Text

The CSS property to change the color of the text to Hex E67036 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 #E67036 looks like.

```
.text, #text, p{  
    color:#E67036  
}
```

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 #E67036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67036
}
```

Border

The CSS property to change the border of an element to Hex E67036 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
#E67036 }
```

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

```
.border{ border-color:#E67036 }
```

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

Here you see how a box with a 4 pixel #E67036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67036; -webkit-box-shadow:4px 4px  
4px 4px #E67036; box-shadow:4px 4px 4px  
4px #E67036 }
```

Background

The CSS property to change the background color of an element to Hex E67036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67036 }
```

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

```
.background{ background-color:#E67036 }
```

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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