

Converting Colors

Hex(E67226)

Have a look what the booklet for
Hex(E67226) contains.

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Color

Hex(E67226)

Conversions

Conversions Part 1

Format	Color
Hex	E67226
RGB	230, 114, 38
RGB Percent	90%, 45%, 15%
CMY	0.0980, 0.5529, 0.8510
CMYK	0.00, 0.50, 0.83, 0.10
HSL	24°, 79%, 53%
HSV	24°, 83%, 90%
XYZ	39.0003, 28.9976, 5.3753
YIQ	140.0200, 93.5320, 0.9560

Conversions

Conversions Part 2

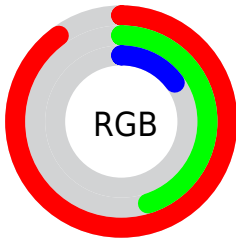
Format	Color
R _Y B	230, 164, 38
Decimal	15102502
CIE Lab	60.78, 40.60, 59.01
CIE LCh	61, 71.628, 55.471
Yxy	28.9976, 0.5315, 0.3952
Android (android.graphics.Color)	4293292582 (0xFFE67226)
YUV	140.0200, -50.2959, 78.9125
Hunter-Lab	53.8494, 35.0418, 31.7762

Details

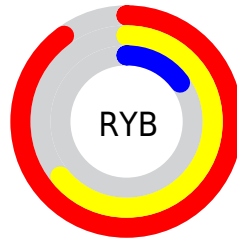
The Hex color **E67226** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **269AE6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA85A**, and **A73F00** is the 20% darker color. If you saturate the color by 10%, you get **E6640F**, and if you desaturate by 10%, it is **E6803D**.

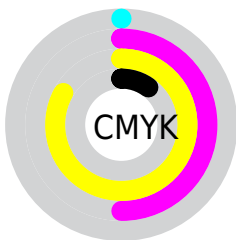
Distribution



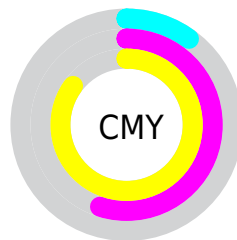
- Red (90%)
- Green (45%)
- Blue (15%)



- Red (90%)
- Yellow (64%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (83%)
- Black (10%)



- Cyan (10%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67226 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 E67226 by changing the saturation by 10% instead.

 E67226

 E67226

FFFFFF

 C65805

 FFA85A

 A73F00

 FFC374

 892500

 FFE08F

 6B0500

 FFFDAA

 4D0000

 FFFFC6

 340001

 FFFF E3

 020000

 000000

 E67226

 E67226

 E6640F

 E6803D

 E65B00

 E68E54

 E69C6B

 E6AA82

 E6B799

 E6C5B0

 E6D3C7

 E6E1DE

 E6EFF5

Harmonies

Analogous

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



FF5660



E67226



B88C00

Triad

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



E67226



00AF87



7C86FF

Complementary

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



E67226



269AE6

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.



009DFF



E67226



00AFC7

Square

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



E67226



00AA46



00AAFA



D567DB

Rectangle

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



E67226



919A00



00AAFA



438FFF

Sweetspot

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



E67226



FFD8BF



E6269C



806859



000000



808080

Same Dimension

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



E67226



FF6500



E6D026



736C67



B34700



331400

Inverse Universe

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



269AE6



009AFF



263CE6



676E73



006CB3



001F33

Previews

White Background



This preview shows how the Hex color E67226 looks on a white background.

Color Contrast Check

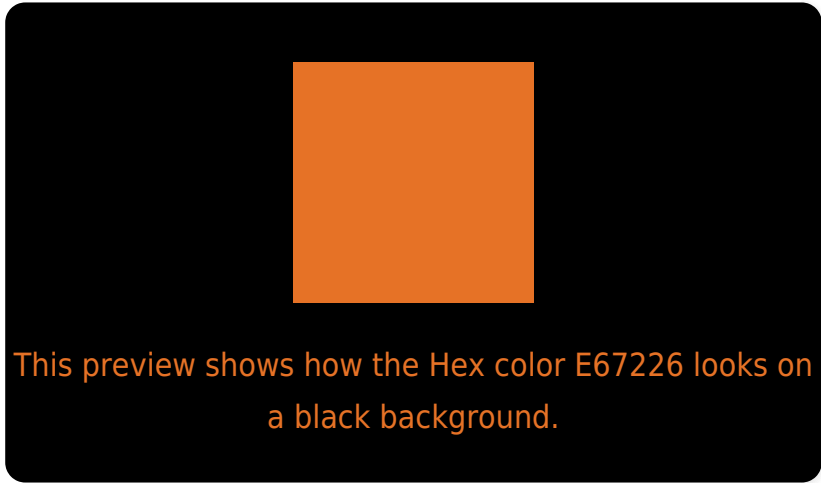
Large Text (above 18pt) WCAG AA ✓ Pass

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 E67226 Background



This preview shows how black text looks on a background with the Hex color E67226.



This preview shows how white text looks on a background with the Hex color E67226.

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
E67226

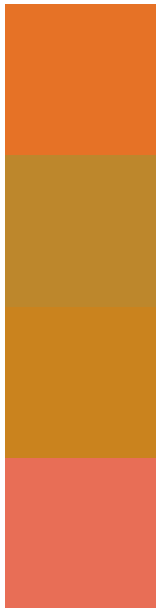
Protanopia
A5932F

Deuteranopia
BA8C1A



Tritanopia
E96B72

Trichromacy



Original Color
E67226

Protanomaly
BD872C

Deuteranomaly
CA831E

Tritanomaly
E86E56

Monochromacy



Original Color
E67226

Achromatopsia
8C8C8C

Achromatomaly
AD8367

CSS Examples

Text

The CSS property to change the color of the text to Hex E67226 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 #E67226 looks like.

```
.text, #text, p{  
    color:#E67226  
}
```

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 #E67226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67226
}
```

Border

The CSS property to change the border of an element to Hex E67226 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
#E67226 }
```

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

```
.border{ border-color:#E67226 }
```

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

Here you see how a box with a 4 pixel #E67226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67226; -webkit-box-shadow:4px 4px  
4px 4px #E67226; box-shadow:4px 4px 4px  
4px #E67226 }
```

Background

The CSS property to change the background color of an element to Hex E67226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67226 }
```

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

```
.background{ background-color:#E67226 }
```

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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