

Converting Colors

Hex(E67D34)

Have a look what the booklet for
Hex(E67D34) contains.

Hex(E67D34)	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(E67D34)

Conversions

Conversions Part 1

Format	Color
Hex	E67D34
RGB	230, 125, 52
RGB Percent	90%, 49%, 20%
CMY	0.0980, 0.5098, 0.7961
CMYK	0.00, 0.46, 0.77, 0.10
HSL	25°, 78%, 55%
HSV	25°, 77%, 90%
XYZ	40.5866, 31.7382, 7.2357
YIQ	148.0730, 86.0130, -0.4430

Conversions

Conversions Part 2

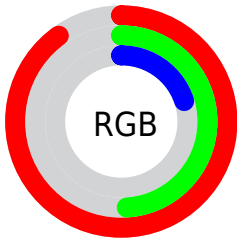
Format	Color
R _Y B	230, 176, 52
Decimal	15105332
CIE Lab	63.13, 35.46, 55.41
CIE LCh	63, 65.787, 57.386
Yxy	31.7382, 0.5101, 0.3989
Android (android.graphics.Color)	4293295412 (0xFFE67D34)
YUV	148.0730, -47.3640, 71.8500
Hunter-Lab	56.3366, 30.0076, 31.8206

Details

The Hex color **E67D34** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **349DE6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB367**, and **A84A00** is the 20% darker color. If you saturate the color by 10%, you get **E66F1D**, and if you desaturate by 10%, it is **E68B4B**.

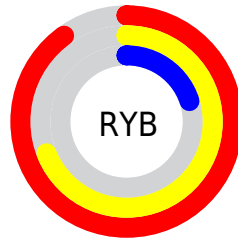
Distribution



Red (90%)

Green (49%)

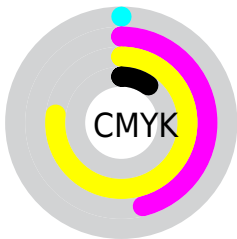
Blue (20%)



Red (90%)

Yellow (69%)

Blue (20%)

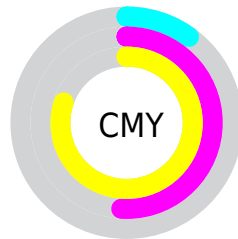


Cyan (0%)

Magenta (46%)

Yellow (77%)

Black (10%)



Cyan (10%)

Magenta (51%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67D34 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 E67D34 by changing the saturation by 10% instead.

 E67D34

 E67D34

FFFFFF

 C76319

 FF367

 A84A00

 FFCF82

 8A3100

 FFE89C

 6C1800

 FFFF80

 4F0000

 FFFFD4

 350000

 FFFFF1

 0F0000

 000000

 E67D34

 E67D34

 E66F1D

 E68B4B

 E66206

 E69862

 E65E00

 E6A679

 E6B390

 E6C1A7

 E6CEBE

 E6DCD5

 E6EAEC

 E6F7FF

Harmonies

Analogous

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



FF6667



E67D34



BA940B

Triad

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



E67D34



00B492



8E8BFF

Complementary

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



E67D34



349DE6

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.



00A1FF



E67D34



00B4CD

Square

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



E67D34



23AF56



00AEFB



DA71D9

Rectangle

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



E67D34



96A014



00AEFB



6694FF

Sweetspot

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



E67D34



FFDCC4



E6349F



806A5C



000000



808080

Same Dimension

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



E67D34



FF7312



E6D434



736C67



B34900



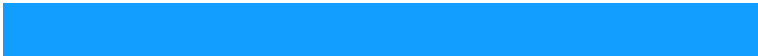
331500

Inverse Universe

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



349DE6



129EFF



3446E6



676E73



0069B3



001E33

Previews

White Background



This preview shows how the Hex color E67D34 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 E67D34 Background



This preview shows how black text looks on a background with the Hex color E67D34.



This preview shows how white text looks on a background with the Hex color E67D34.

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
E67D34

Protanopia
AB9A3C

Deuteranopia
C0912D

Trichromacy



Original Color
E67D34

Protanomaly
C08F39

Deuteranomaly
CE8A30

Tritanomaly
E97863

Monochromacy



Original Color
E67D34

Achromatopsia
949494

Achromatomaly
B28C71

CSS Examples

Text

The CSS property to change the color of the text to Hex E67D34 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 #E67D34 looks like.

```
.text, #text, p{  
    color:#E67D34  
}
```

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 #E67D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67D34
}
```

Border

The CSS property to change the border of an element to Hex E67D34 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
#E67D34 }
```

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

```
.border{ border-color:#E67D34 }
```

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

Here you see how a box with a 4 pixel #E67D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67D34; -webkit-box-shadow:4px 4px  
4px 4px #E67D34; box-shadow:4px 4px 4px  
4px #E67D34 }
```

Background

The CSS property to change the background color of an element to Hex E67D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67D34 }
```

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

```
.background{ background-color:#E67D34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor