

Converting Colors

Hex(E37113)

Have a look what the booklet for
Hex(E37113) contains.

Hex(E37113)	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(E37113)

Conversions

Conversions Part 1

Format	Color
Hex	E37113
RGB	227, 113, 19
RGB Percent	89%, 44%, 7%
CMY	0.1098, 0.5569, 0.9255
CMYK	0.00, 0.50, 0.92, 0.11
HSL	27°, 85%, 48%
HSV	27°, 92%, 89%
XYZ	37.7012, 28.1882, 4.0699
YIQ	136.3700, 98.1180, -5.0660

Conversions

Conversions Part 2

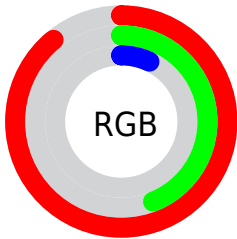
Format	Color
R _Y B	227, 191, 19
Decimal	14905619
CIE Lab	60.06, 39.54, 64.26
CIE LCh	60, 75.452, 58.399
Yxy	28.1882, 0.5389, 0.4029
Android (android.graphics.Color)	4293095699 (0xFFE37113)
YUV	136.3700, -57.8634, 79.4825
Hunter-Lab	53.0925, 33.8417, 32.6198

Details

The Hex color **E37113** 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 **1385E3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA64D**, and **A43E00** is the 20% darker color. If you saturate the color by 10%, you get **E36700**, and if you desaturate by 10%, it is **E37D2A**.

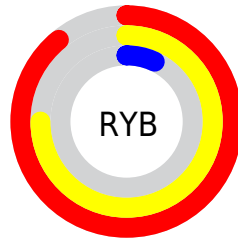
Distribution



Red (89%)

Green (44%)

Blue (7%)



Red (89%)

Yellow (75%)

Blue (7%)

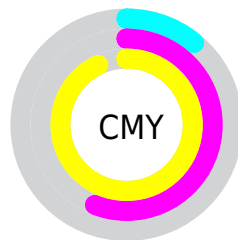


Cyan (0%)

Magenta (50%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color E37113 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 E37113 by changing the saturation by 10% instead.

 E37113

 E37113

FFFFFF

 C35700

 FFA64D

 A43E00

 FFC267

 852400

 FFDE82

 670600

 FFFB9D

 4A0000

 FFFFB9

 320002

 FFFFD5

 000000

 FFFFF2

 E37113

 E37113

■ E36700

■ E37D2A

■ E38A40

■ E39657

■ E3A36E

■ E3AF84

■ E3BC9B

■ E3C8B2

■ E3D5C9

■ E3E1DF

Harmonies

Analogous

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



FF5156



E37113



B18D00

Triad

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



E37113



00AE8B



8481FF

Complementary

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



E37113



1385E3

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.



009AFF



E37113



00AECE

Square

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



E37113



00A946



00A9FF



DC5ED8

Rectangle

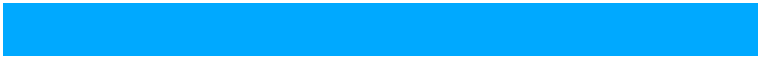
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E37113



889A00



00A9FF



4C8AFF

Sweetspot

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



E37113



FFD9BA



E31385



806957



000000



808080

Same Dimension

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



E37113



FF7300



E3D913



736C67



B35100



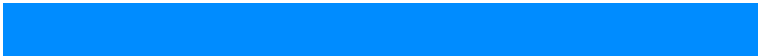
331700

Inverse Universe

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



1385E3



008CFF



131DE3



676E73



0062B3



001C33

Previews

White Background



This preview shows how the Hex color E37113 looks on a white background.

Color Contrast Check

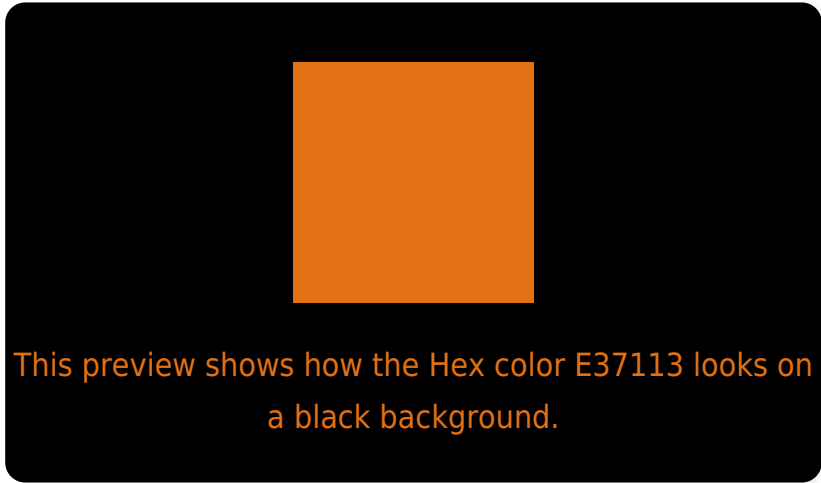
Large Text (above 18pt) WCAG AA ✓ Pass

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 E37113 Background



This preview shows how black text looks on a background with the Hex color E37113.



This preview shows how white text looks on a background with the Hex color E37113.

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
E37113

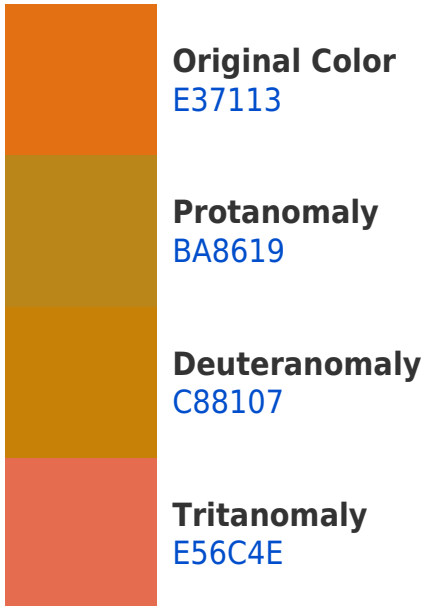
Protanopia
A3921C

Deuteranopia
B88A00

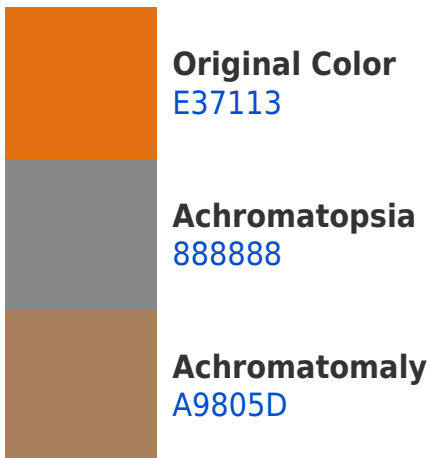


Tritanopia
E66970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E37113 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 #E37113 looks like.

```
.text, #text, p{  
    color:#E37113  
}
```

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 #E37113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37113
}
```

Border

The CSS property to change the border of an element to Hex E37113 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
#E37113 }
```

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

```
.border{ border-color:#E37113 }
```

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

Here you see how a box with a 4 pixel #E37113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37113; -webkit-box-shadow:4px 4px  
4px 4px #E37113; box-shadow:4px 4px 4px  
4px #E37113 }
```

Background

The CSS property to change the background color of an element to Hex E37113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37113 }
```

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

```
.background{ background-color:#E37113 }
```

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