

# Converting Colors

Hex(E3610C)

Have a look what the booklet for  
Hex(E3610C) contains.

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**Color**

**Hex(E3610C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3610C
RGB	227, 97, 12
RGB Percent	89%, 38%, 5%
CMY	0.1098, 0.6196, 0.9529
CMYK	0.00, 0.57, 0.95, 0.11
HSL	24°, 90%, 47%
HSV	24°, 95%, 89%
XYZ	36.0196, 24.9068, 3.2569
YIQ	126.1800, 104.7650, 1.1250

# Conversions

## Conversions Part 2

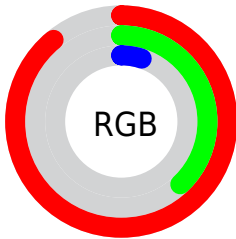
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 153, 12</a>
Decimal	<a href="#">14901516</a>
CIELab	<a href="#">56.98, 47.24, 63.75</a>
CIElCh	<a href="#">57, 79.347, 53.461</a>
Yxy	<a href="#">24.9068, 0.5612, 0.3881</a>
Android (android.graphics.Color)	<a href="#">4293091596</a> ( <a href="#">0xFFE3610C</a> )
YUV	<a href="#">126.1800, -56.2907, 88.4191</a>
Hunter-Lab	<a href="#">49.9067, 41.4935, 31.0655</a>

# Details

The Hex color **E3610C** 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 **0C8EE3**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9747**, and **A42B00** is the 20% darker color. If you saturate the color by 10%, you get **E35A00**, and if you desaturate by 10%, it is **E36F23**.

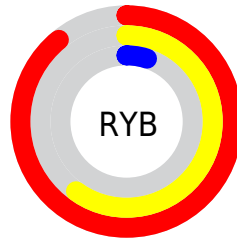
# Distribution



Red (89%)

Green (38%)

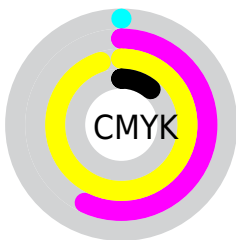
Blue (5%)



Red (89%)

Yellow (60%)

Blue (5%)

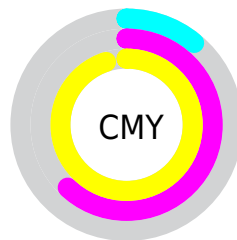


Cyan (0%)

Magenta (57%)

Yellow (95%)

Black (11%)



Cyan (11%)

Magenta (62%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3610C 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 E3610C by changing the saturation by 10% instead.



 E3610C

 E3610C

FFFFFF

 C34700

 FF9747

 A42B00

 FF8361

 840900

 FFCF7C

 660000

 FFEC97

 480000

 FFFF82

 2E0002

 FFFFCE

 000000

 FFFFEB

 E3610C

 E3610C

 E35A00

 E36F23

 E37C39

 E38A50

 E39867

 E3A67D

 E3B394

 E3C1AB

 E3CFC2

 E3DDD8

# Harmonies

## Analogous

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



FE3B57



E3610C



B28100

# Triad

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



E3610C



00A677



5C7DFE

# Complementary

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



E3610C



0C8EE3

# 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.



0096FF



E3610C



00A7BE

# Square

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



E3610C



00A02D



00A3F8



CB58DC

# Rectangle

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



E3610C



898F00



00A3F8



0087FF



# Sweetspot

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



E3610C



FFD4B8



E30C91



806554



000000



808080



# Same Dimension

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



E3610C



FF6500



E3CA0C



736C67



B34700



331400



# Inverse Universe

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



0C8EE3



009AFF



0C25E3



676E73



006CB3



001F33



# Previews

## White Background



This preview shows how the Hex color E3610C looks on a white background.

## Color Contrast Check

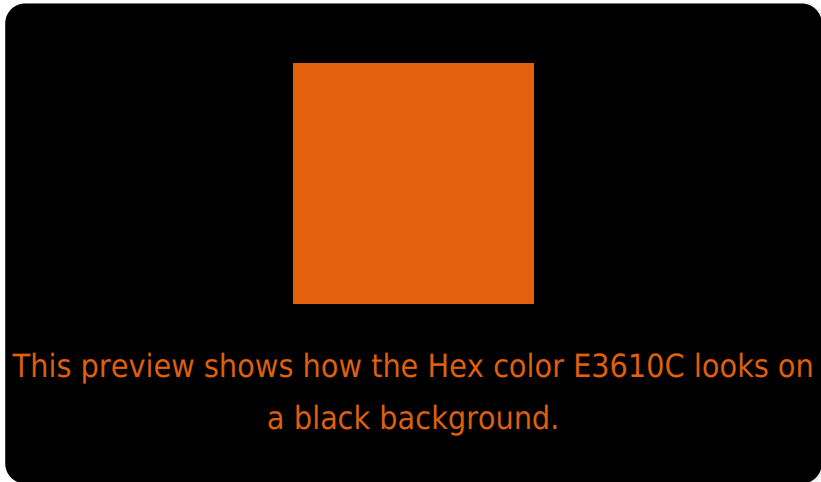
Large Text (above 18pt) WCAG AA ✓ Pass

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 E3610C Background



This preview shows how black text looks on a background with the Hex color E3610C.



This preview shows how white text looks on a background with the Hex color E3610C.

# 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



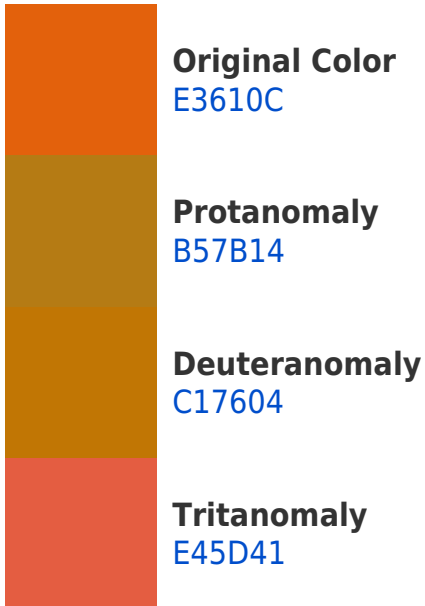
**Original Color**  
E3610C

**Protanopia**  
9B8A19

**Deuteranopia**  
AD8200



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3610C 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 #E3610C looks like.

```
.text, #text, p{  
    color:#E3610C  
}
```

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 #E3610C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3610C
}
```

## Border

The CSS property to change the border of an element to Hex E3610C 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
#E3610C }
```

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

```
.border{ border-color:#E3610C }
```

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

Here you see how a box with a 4 pixel #E3610C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3610C; -webkit-box-shadow:4px 4px  
4px 4px #E3610C; box-shadow:4px 4px 4px  
4px #E3610C }
```

# Background

The CSS property to change the background color of an element to Hex E3610C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3610C }
```

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

```
.background{ background-color:#E3610C }
```

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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