

Converting Colors

Hex(E38E0C)

Have a look what the booklet for
Hex(E38E0C) contains.

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Color

Hex(E38E0C)

Conversions

Conversions Part 1

Format	Color
Hex	E38E0C
RGB	227, 142, 12
RGB Percent	89%, 56%, 5%
CMY	0.1098, 0.4431, 0.9529
CMYK	0.00, 0.37, 0.95, 0.11
HSL	36°, 90%, 47%
HSV	36°, 95%, 89%
XYZ	41.4179, 35.7034, 5.0563
YIQ	152.5950, 92.3900, -22.4100

Conversions

Conversions Part 2

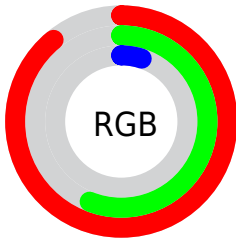
Format	Color
RYB	153, 227, 12
Decimal	14913036
CIELab	66.29, 24.36, 70.00
CIElCh	66, 74.114, 70.811
Yxy	35.7034, 0.5040, 0.4345
Android (android.graphics.Color)	4293103116 (0xFFE38E0C)
YUV	152.5950, -69.3133, 65.2532
Hunter-Lab	59.7524, 19.1624, 36.8095

Details

The Hex color **E38E0C** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0C61E3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC44E**, and **A55B00** is the 20% darker color. If you saturate the color by 10%, you get **E38900**, and if you desaturate by 10%, it is **E39723**.

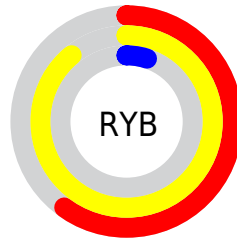
Distribution



Red (89%)

Green (56%)

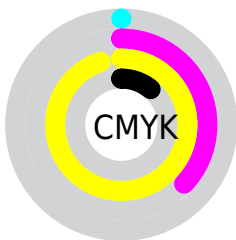
Blue (5%)



Red (60%)

Yellow (89%)

Blue (5%)

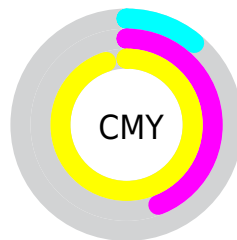


Cyan (0%)

Magenta (37%)

Yellow (95%)

Black (11%)



Cyan (11%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E38E0C 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 E38E0C by changing the saturation by 10% instead.

 E38E0C

 E38E0C

FFFFFF

 C47400

 FFC44E

 A55B00

 FFE069

 874400

 FFFD85

 6A2D00

 FFFFA1

 4D1600

 FFFFBD

 320100

 FFFFDA

 130000

 FFFFF7

 000000

 E38E0C

 E38E0C

 E38900

 E39723

 E3A039

 E3A950

 E3B267

 E3BB7D

 E3C494

 E3CDAB

 E3D6C2

 E3DFD8

Harmonies

Analogous

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



FF714D



E38E0C



AAA600

Triad

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



E38E0C



00C0B8



C284FF

Complementary

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



E38E0C



0C61E3

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.



1FA1FF



E38E0C



00BEF7

Square

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



E38E0C



00BD73



00B4FF



FF65CF

Rectangle

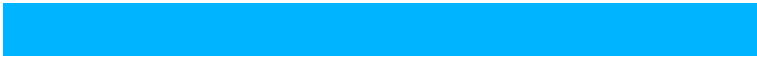
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E38E0C



7CB119



00B4FF



A08FFF

Sweetspot

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



E38E0C



FFE3B8



E30C62



806E54



000000



808080

Same Dimension

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



E38E0C



FF9A00



CEE30C



736E67



B36C00



331F00

Inverse Universe

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



0C61E3



0065FF



210CE3



676C73



0047B3



001433

Previews

White Background



This preview shows how the Hex color E38E0C looks on a white background.

Color Contrast Check

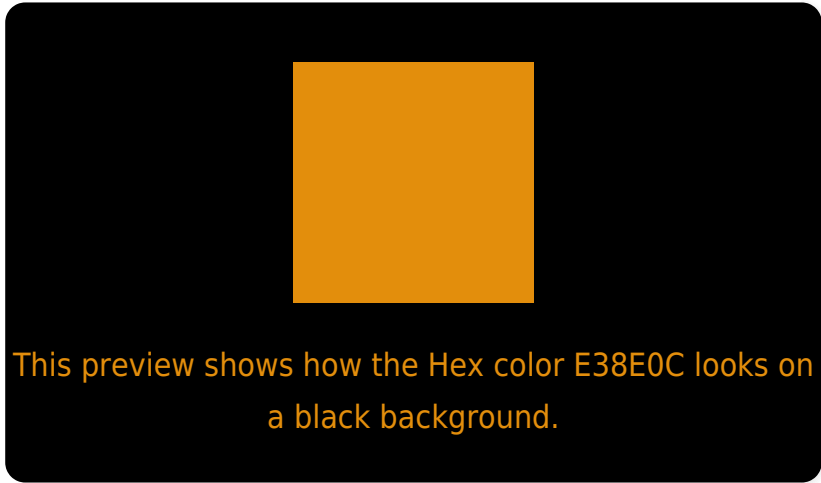
Large Text (above 18pt) WCAG AA × Fail

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 E38E0C Background



This preview shows how black text looks on a background with the Hex color E38E0C.



This preview shows how white text looks on a background with the Hex color E38E0C.

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
E38E0C

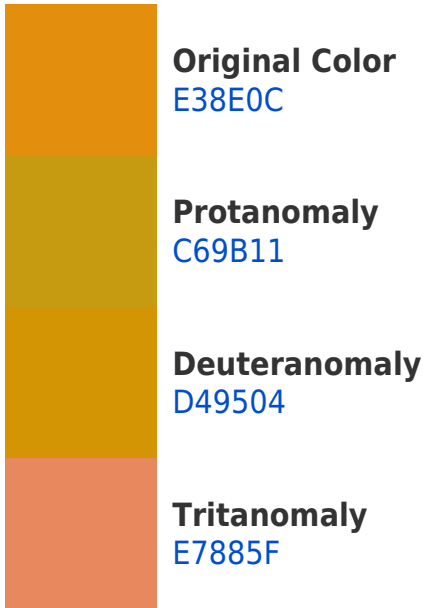
Protanopia
B6A214

Deuteranopia
CC9900



Tritanopia
E9848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E38E0C 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 #E38E0C looks like.

```
.text, #text, p{  
    color:#E38E0C  
}
```

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 #E38E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38E0C
}
```

Border

The CSS property to change the border of an element to Hex E38E0C 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
#E38E0C }
```

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

```
.border{ border-color:#E38E0C }
```

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

Here you see how a box with a 4 pixel #E38E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38E0C; -webkit-box-shadow:4px 4px  
4px 4px #E38E0C; box-shadow:4px 4px 4px  
4px #E38E0C }
```

Background

The CSS property to change the background color of an element to Hex E38E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38E0C }
```

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

```
.background{ background-color:#E38E0C }
```

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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