

Converting Colors

Hex(E6840B)

Have a look what the booklet for
Hex(E6840B) contains.

Hex(E6840B)	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(E6840B)

Conversions

Conversions Part 1

Format	Color
Hex	E6840B
RGB	230, 132, 11
RGB Percent	90%, 52%, 4%
CMY	0.0980, 0.4824, 0.9569
CMYK	0.00, 0.43, 0.95, 0.10
HSL	33°, 91%, 47%
HSV	33°, 95%, 90%
XYZ	40.9448, 33.3497, 4.5957
YIQ	147.5080, 97.2490, -16.8550

Conversions

Conversions Part 2

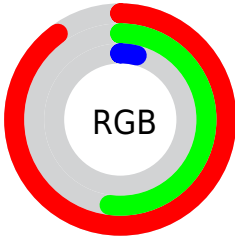
Format	Color
RYB	188, 230, 11
Decimal	15107083
CIELab	64.44, 30.88, 69.06
CIELCh	64, 75.651, 65.905
Yxy	33.3497, 0.5190, 0.4227
Android (android.graphics.Color)	4293297163 (0xFFE6840B)
YUV	147.5080, -67.2984, 72.3455
Hunter-Lab	57.7492, 25.4974, 35.7061

Details

The Hex color **E6840B** 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 **0B6DE6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFBA4C**, and **A85100** is the 20% darker color. If you saturate the color by 10%, you get **E67F00**, and if you desaturate by 10%, it is **E68E22**.

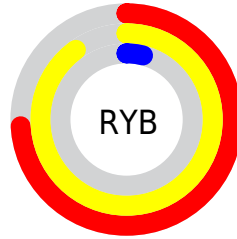
Distribution



Red (90%)

Green (52%)

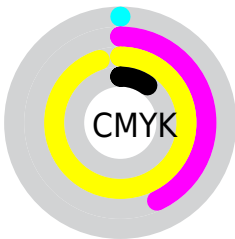
Blue (4%)



Red (74%)

Yellow (90%)

Blue (4%)

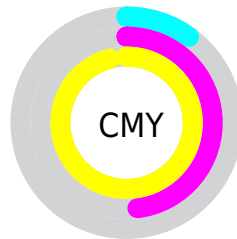


Cyan (0%)

Magenta (43%)

Yellow (95%)

Black (10%)



Cyan (10%)

Magenta (48%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6840B 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 E6840B by changing the saturation by 10% instead.

 E6840B

 E6840B

FFFFFF

 C76A00

 FFBA4C

 A85100

 FFD667

 893900

 FFF283

 6B2200


 FFFF9E

 4E0800

 FFFFBA

 340000

 FFFFD7

 110000

 FFFFF4

 000000

 E6840B

 E6840B

 E67F00

 E68E22

 E69939

 E6A350

 E6AD67

 E6B77E

 E6C295

 E6CCAC

 E6D6C3

 E6E1DA

Harmonies

Analogous

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



FF6551



E6840B



AF9E00

Triad

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



E6840B



00BBA8



AD84FF

Complementary

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



E6840B



0B6DE6

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.



00A0FF



E6840B



00BAEA

Square

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



E6840B



00B762



00B2FF



F763D5

Rectangle

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



E6840B



82AA00



00B2FF



868EFF

Sweetspot

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



E6840B



FFDEB5



E60B6E



806C53



000000



808080

Same Dimension

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



E6840B



FF8D00



DBE60B



736E67



B36300



331C00

Inverse Universe

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



0B6DE6



0072FF



160BE6



676C73



0050B3



001733

Previews

White Background



This preview shows how the Hex color E6840B looks on a white background.

Color Contrast Check

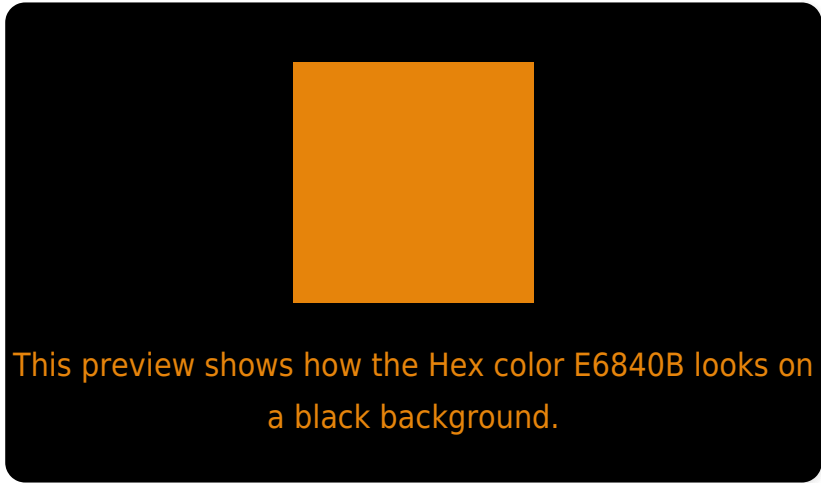
Large Text (above 18pt) WCAG AA × Fail

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 E6840B Background



This preview shows how black text looks on a background with the Hex color E6840B.



This preview shows how white text looks on a background with the Hex color E6840B.

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
E6840B

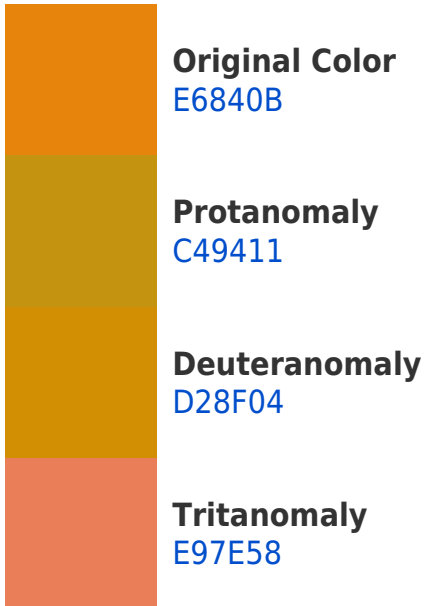
Protanopia
B19D15

Deuteranopia
C69500

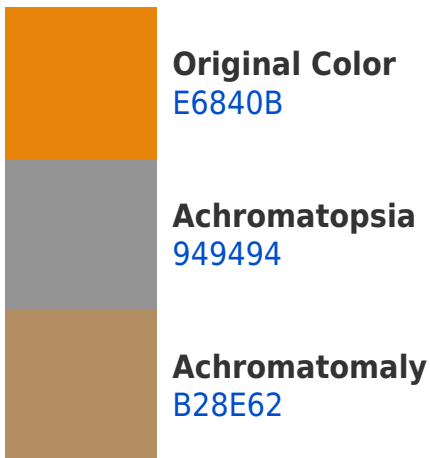


Tritanopia
EB7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6840B 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 #E6840B looks like.

```
.text, #text, p{  
    color:#E6840B  
}
```

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 #E6840B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6840B
}
```

Border

The CSS property to change the border of an element to Hex E6840B 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
#E6840B }
```

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

```
.border{ border-color:#E6840B }
```

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

Here you see how a box with a 4 pixel #E6840B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6840B; -webkit-box-shadow:4px 4px  
4px 4px #E6840B; box-shadow:4px 4px 4px  
4px #E6840B }
```

Background

The CSS property to change the background color of an element to Hex E6840B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6840B }
```

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

```
.background{ background-color:#E6840B }
```

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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