

Converting Colors

Hex(E17840)

Have a look what the booklet for
Hex(E17840) contains.

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Color

Hex(E17840)

Conversions

Conversions Part 1

Format	Color
Hex	E17840
RGB	225, 120, 64
RGB Percent	88%, 47%, 25%
CMY	0.1176, 0.5294, 0.7490
CMYK	0.00, 0.47, 0.72, 0.12
HSL	21°, 73%, 57%
HSV	21°, 72%, 88%
XYZ	38.6932, 29.8107, 8.5652
YIQ	145.0110, 80.5560, 4.8440

Conversions

Conversions Part 2

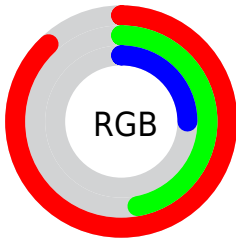
Format	Color
RYB	225, 150, 64
Decimal	14776384
CIELab	61.49, 36.56, 47.91
CIElCh	61, 60.264, 52.654
Yxy	29.8107, 0.5021, 0.3868
Android (android.graphics.Color)	4292966464 (0xFFE17840)
YUV	145.0110, -39.9384, 70.1504
Hunter-Lab	54.5991, 30.9506, 28.9184

Details

The Hex color **E17840** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **40A9E1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFAE72**, and **A4450E** is the 20% darker color. If you saturate the color by 10%, you get **E1692A**, and if you desaturate by 10%, it is **E18757**.

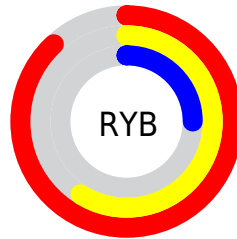
Distribution



Red (88%)

Green (47%)

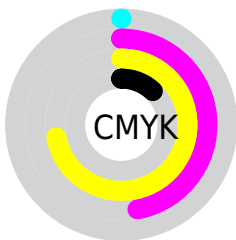
Blue (25%)



Red (88%)

Yellow (59%)

Blue (25%)

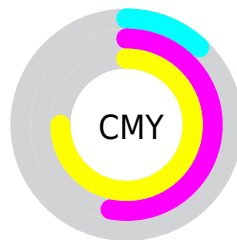


Cyan (0%)

Magenta (47%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E17840 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 E17840 by changing the saturation by 10% instead.

 E17840

 E17840

FFFFFF

 C25E28

 FFAE72

 A4450E

 FFC98C

 862C00

 FFE6A7

 681200

 FFFFC3

 4C0000

 FFFFDF

 320001

 FFFFFC


 000000

 E17840

 E17840

 E1692A

 E18757

 E15B13

 E1956D

 E14E00

 E1A484

 E1B39A

 E1C1B1

 E1D0C7

 E1DFDE

 E1EDF4

 E1FCFF

Harmonies

Analogous

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



F4656F



E17840



BB8D1F

Triad

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



E17840



00AD85



7D8CF7

Complementary

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



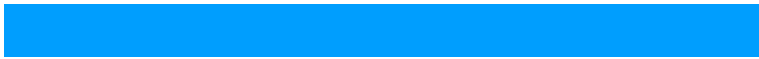
E17840



40A9E1

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.



009EFE



E17840



00AEBC

Square

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



E17840



43A850



00A9E8



C875D6

Rectangle

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



E17840



9B991F



00A9E8



5593FD

Sweetspot

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



E17840



FFDCC9



E140AB



806B60



000000



808080

Same Dimension

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



E17840



FF7024



E1C640



706965



B03D00



301100

Inverse Universe

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



40A9E1



24B3FF



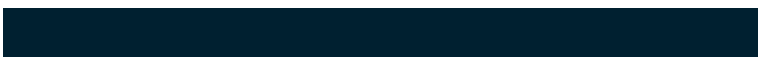
405BE1



656C70



0073B0



002030

Previews

White Background



This preview shows how the Hex color E17840 looks on a white background.

Color Contrast Check

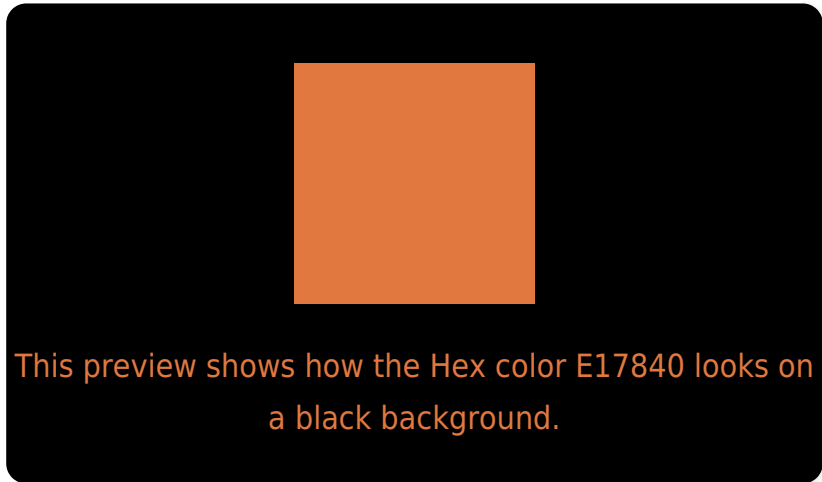
Large Text (above 18pt) WCAG AA ✓ Pass

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 E17840 Background



This preview shows how black text looks on a background with the Hex color E17840.

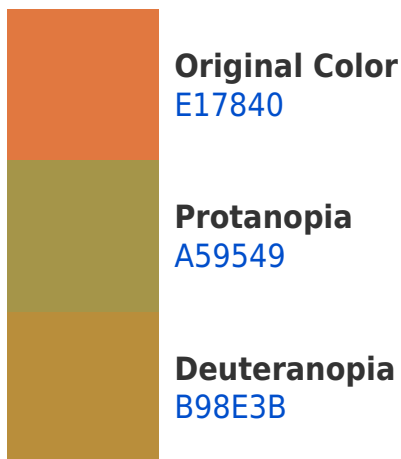


This preview shows how white text looks on a background with the Hex color E17840.

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](#).

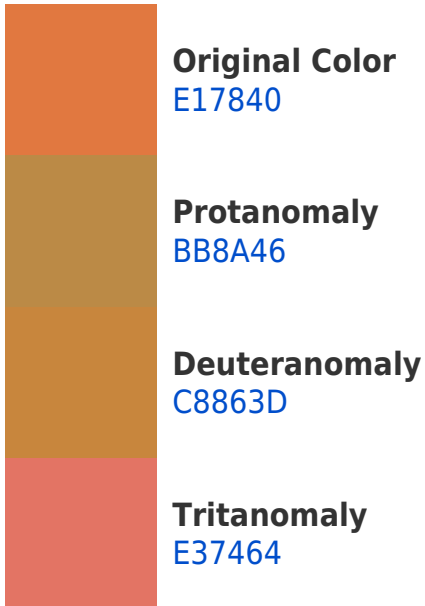
Dichromacy





Tritanopia
E47179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E17840 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 #E17840 looks like.

```
.text, #text, p{  
    color:#E17840  
}
```

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 #E17840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E17840
}
```

Border

The CSS property to change the border of an element to Hex E17840 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
#E17840 }
```

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

```
.border{ border-color:#E17840 }
```

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

Here you see how a box with a 4 pixel #E17840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E17840; -webkit-box-shadow:4px 4px  
4px 4px #E17840; box-shadow:4px 4px 4px  
4px #E17840 }
```

Background

The CSS property to change the background color of an element to Hex E17840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E17840 }
```

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

```
.background{ background-color:#E17840 }
```

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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