

Converting Colors

Hex(EA783E)

Have a look what the booklet for
Hex(EA783E) contains.

| | |
|--|----|
| Hex(EA783E) | 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(EA783E)

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | EA783E |
| RGB | 234, 120, 62 |
| RGB Percent | 92%, 47%, 24% |
| CMY | 0.0824, 0.5294, 0.7569 |
| CMYK | 0.00, 0.49, 0.74, 0.08 |
| HSL | 20°, 80%, 58% |
| HSV | 20°, 74%, 92% |
| XYZ | 41.5177, 31.2732, 8.4055 |
| YIQ | 147.4740, 86.5620, 6.1300 |

Conversions

Conversions Part 2

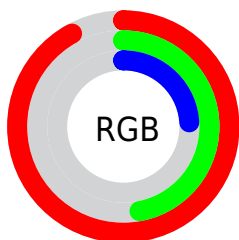
| Format | Color |
|-------------------------------------|---|
| RYB | 234, 150, 62 |
| Decimal | 15366206 |
| CIELab | 62.74, 39.99, 50.60 |
| CIELCh | 63, 64.490, 51.679 |
| Yxy | 31.2732, 0.5113, 0.3852 |
| Android (android.graphics.Color) | 4293556286 (0xFFEA783E) |
| YUV | 147.4740, -42.1387, 75.8833 |
| Hunter-Lab | 55.9224, 34.6569, 30.2340 |

Details

The Hex color **EA783E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3EB0EA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAE70**, and **AC440A** is the 20% darker color. If you saturate the color by 10%, you get **EA6827**, and if you desaturate by 10%, it is **EA8855**.

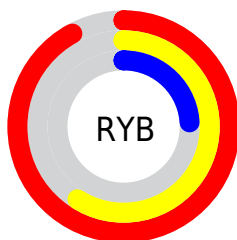
Distribution



Red (92%)

Green (47%)

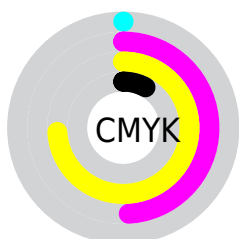
Blue (24%)



Red (92%)

Yellow (59%)

Blue (24%)

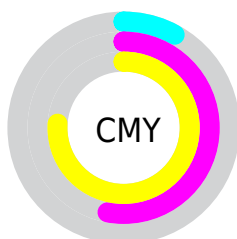


Cyan (0%)

Magenta (49%)

Yellow (74%)

Black (8%)



Cyan (8%)

Magenta (53%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA783E 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 EA783E by changing the saturation by 10% instead.

 EA783E

FFFFFF

 FFAE70

 FFCA8B

 FFE6A6

 FFFFC1

 FFFFDD

 FFFFFA

 EA783E

 CB5E25

 AC440A

 8E2B00

 700E00

 520000

 370000

 140000

 000000

 EA783E

 EA783E

 EA6827

 EA8855

 EA590F

 EA976D

 EA4F00

 EAA784

 EAB69C

 EAC6B3

 EAD5CA

 EAE5E2

 EAF4F9

 EAF4F9

 EAF4F9

 EAF4F9

 EAF4F9

 EAF4F9

Harmonies

Analogous

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



FE6371



EA783E



C28F15

Triad

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



EA783E



00B285



798FFF

Complementary

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



EA783E



3EB0EA

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.



00A3FF



EA783E



00B3C0

Square

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



EA783E



41AC4C



00AEF1



CD76E0

Rectangle

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



EA783E



A09C12



00AEF1



4897FF

Sweetspot

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



EA783E



FFDAC7



EA3EB1



806A5E



000000



808080

Same Dimension

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



EA783E



FF6A1F



EACD3E



756E6A



B53D00



361200

Inverse Universe

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



3EB0EA



1FB3FF



3E5BEA



6A7175



0078B5



002336

Previews

White Background



This preview shows how the Hex color EA783E 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



This preview shows how the Hex color EA783E looks on a 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 EA783E Background



This preview shows how black text looks on a background with the Hex color EA783E.



This preview shows how white text looks on a background with the Hex color EA783E.

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

[EA783E](#)





Protanopia

[A99848](#)




Deuteranopia

[BE9137](#)

Trichromacy

| | |
|---|---------------------------------|
|  | Original Color EA783E |
|  | Protanomaly C18C44 |
|  | Deuteranomaly CE883A |
|  | Tritanomaly EC7464 |

Monochromacy

| | |
|---|---------------------------------|
|  | Original Color EA783E |
|  | Achromatopsia 939393 |
|  | Achromatomaly B38974 |

CSS Examples

Text

The CSS property to change the color of the text to Hex EA783E 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 #EA783E looks like.

```
.text, #text, p{  
    color:#EA783E  
}
```

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 #EA783E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA783E
}
```

Border

The CSS property to change the border of an element to Hex EA783E 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
#EA783E }
```

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

```
.border{ border-color:#EA783E }
```

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

Here you see how a box with a 4 pixel #EA783E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA783E; -webkit-box-shadow:4px 4px  
4px 4px #EA783E; box-shadow:4px 4px 4px  
4px #EA783E }
```

Background

The CSS property to change the background color of an element to Hex EA783E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA783E }
```

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

```
.background{ background-color:#EA783E }
```

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