

Converting Colors

Hex(E6813A)

Have a look what the booklet for
Hex(E6813A) contains.

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Color

Hex(E6813A)

Conversions

Conversions Part 1

Format	Color
Hex	E6813A
RGB	230, 129, 58
RGB Percent	90%, 51%, 23%
CMY	0.0980, 0.4941, 0.7725
CMYK	0.00, 0.44, 0.75, 0.10
HSL	25°, 77%, 56%
HSV	25°, 75%, 90%
XYZ	41.2471, 32.8290, 8.1657
YIQ	151.1050, 82.9870, -0.6690

Conversions

Conversions Part 2

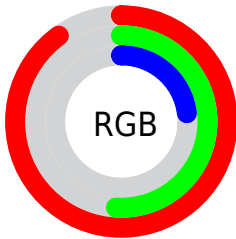
Format	Color
R_{YB}	230, 179, 58
Decimal	15106362
CIE _{Lab}	64.02, 33.63, 53.63
CIE _{LCh}	64, 63.298, 57.912
Yxy	32.8290, 0.5015, 0.3992
Android (android.graphics.Color)	4293296442 (0xFFE6813A)
YUV	151.1050, -45.9008, 69.1909
Hunter-Lab	57.2966, 28.2309, 31.6579

Details

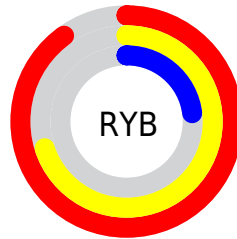
The Hex color **E6813A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3A9FE6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB76D**, and **A94E00** is the 20% darker color. If you saturate the color by 10%, you get **E67323**, and if you desaturate by 10%, it is **E68F51**.

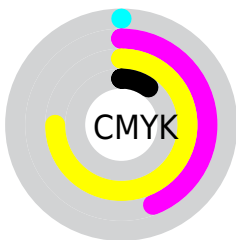
Distribution



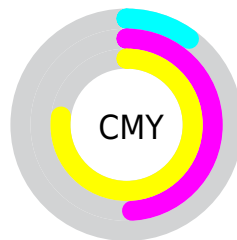
- Red (90%)
- Green (51%)
- Blue (23%)



- Red (90%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6813A 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 E6813A by changing the saturation by 10% instead.

 E6813A

 E6813A

FFFFFF

 C76720

 FFB76D

 A94E00

 FFD387

 8B3600

 FFEFA2

 6D1D00

 FFFFBE

 500200

 FFFFDA

 350000

 FFFFF7

 120000

 000000

 E6813A

 E6813A

 E67323

 E68F51

 E6660C

 E69C68

 E65F00

 E6AA7F

 E6B796

 E6C5AD

 E6D2C4

 E6E0DB

 E6EDF2

 E6FBFF

Harmonies

Analogous

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



FF6B6A



E6813A



BB971B

Triad

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



E6813A



00B695



948EFF

Complementary

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



E6813A



3A9FE6

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



E6813A



00B5CE

Square

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



E6813A



2EB15C



00B0FA



DC75D8

Rectangle

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



E6813A



98A321



00B0FA



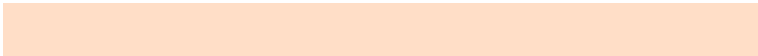
6F96FF

Sweetspot

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



E6813A



FFDEC7



E63AA1



806C5E



000000



808080

Same Dimension

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



E6813A



FF7819



E6D53A



736C67



B34A00



331500

Inverse Universe

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



3A9FE6



19A0FF



3A4BE6



676E73



0069B3



001E33

Previews

White Background



This preview shows how the Hex color E6813A looks on a white background.

Color Contrast Check

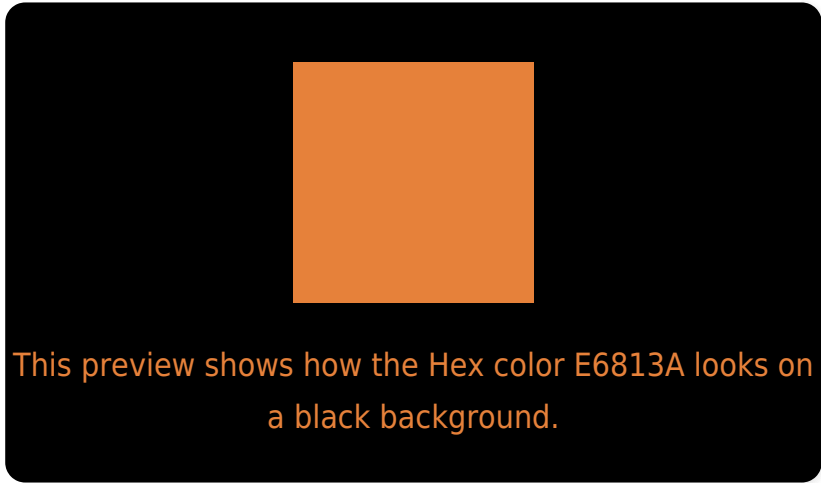
Large Text (above 18pt) WCAG AA × Fail

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 E6813A Background



This preview shows how black text looks on a background with the Hex color E6813A.

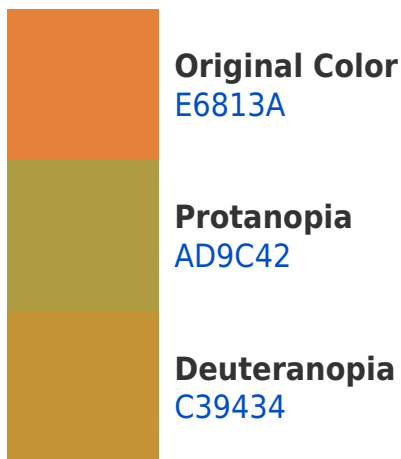


This preview shows how white text looks on a background with the Hex color E6813A.

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
EA7982

Trichromacy



Original Color
E6813A

Protanomaly
C2923F

Deuteranomaly
D08D36

Tritanomaly
E97C68

Monochromacy



Original Color
E6813A

Achromatopsia
979797

Achromatomaly
B48F75

CSS Examples

Text

The CSS property to change the color of the text to Hex E6813A 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 #E6813A looks like.

```
.text, #text, p{  
    color:#E6813A  
}
```

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 #E6813A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6813A
}
```

Border

The CSS property to change the border of an element to Hex E6813A 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
#E6813A }
```

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

```
.border{ border-color:#E6813A }
```

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

Here you see how a box with a 4 pixel #E6813A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6813A; -webkit-box-shadow:4px 4px  
4px 4px #E6813A; box-shadow:4px 4px 4px  
4px #E6813A }
```

Background

The CSS property to change the background color of an element to Hex E6813A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6813A }
```

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

```
.background{ background-color:#E6813A }
```

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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