

Converting Colors

Hex(E77B2C)

Have a look what the booklet for
Hex(E77B2C) contains.

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Color

Hex(E77B2C)

Conversions

Conversions Part 1

Format	Color
Hex	E77B2C
RGB	231, 123, 44
RGB Percent	91%, 48%, 17%
CMY	0.0941, 0.5176, 0.8275
CMYK	0.00, 0.47, 0.81, 0.09
HSL	25°, 80%, 54%
HSV	25°, 81%, 91%
XYZ	40.4926, 31.3367, 6.2973
YIQ	146.2860, 89.7270, -1.6730

Conversions

Conversions Part 2

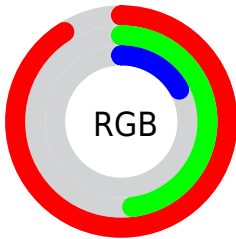
Format	Color
R _Y B	231, 181, 44
Decimal	15170348
CIE Lab	62.79, 36.61, 58.50
CIE LCh	63, 69.013, 57.962
Yxy	31.3367, 0.5183, 0.4011
Android (android.graphics.Color)	4293360428 (0xFFE77B2C)
YUV	146.2860, -50.4270, 74.2942
Hunter-Lab	55.9792, 31.1545, 32.5157

Details

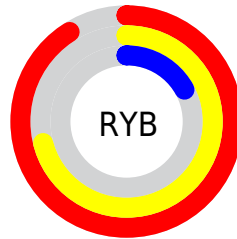
The Hex color **E77B2C** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2C98E7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB160**, and **A94800** is the 20% darker color. If you saturate the color by 10%, you get **E76E15**, and if you desaturate by 10%, it is **E78843**.

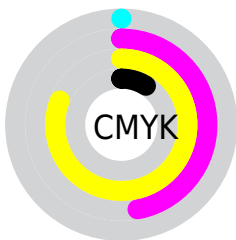
Distribution



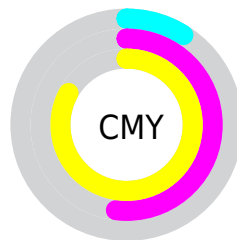
- Red (91%)
- Green (48%)
- Blue (17%)



- Red (91%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (9%)



- Cyan (9%)
- Magenta (52%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color E77B2C 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 E77B2C by changing the saturation by 10% instead.

 E77B2C

 E77B2C

FFFFFF

 C8610E

 FFB160

 A94800

 FFCD7A

 8B2F00

 FFE995

 6C1600

 FFFFB1

 4F0000

 FFFFCD

 350000

 FFFF E9

 0E0000

 000000

 E77B2C

 E77B2C

 E76E15

 E78843

 E76200

 E7965A

 E7A371

 E7B088

 E7BEA0

 E7CBB7

 E7D8CE

 E7E6E5

 E7F3FC

Harmonies

Analogous

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



FF6162



E77B2C



B99400

Triad

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



E77B2C



00B492



8E89FF

Complementary

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



E77B2C



2C98E7

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.



00A1FF



E77B2C



00B4D0

Square

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



E77B2C



00AF53



00AEFF



DD6DDA

Rectangle

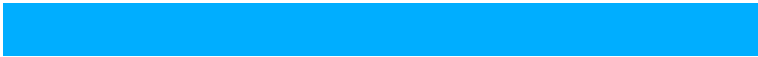
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E77B2C



93A000



00AEFF



6292FF

Sweetspot

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



E77B2C



FFDCC2



E72C99



806A5B



000000



808080

Same Dimension

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



E77B2C



FF7008



E7D72C



736C67



B34B00



331600

Inverse Universe

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



2C98E7



0897FF



2C3CE7



676E73



0067B3



001D33

Previews

White Background



This preview shows how the Hex color E77B2C looks on a white background.

Color Contrast Check

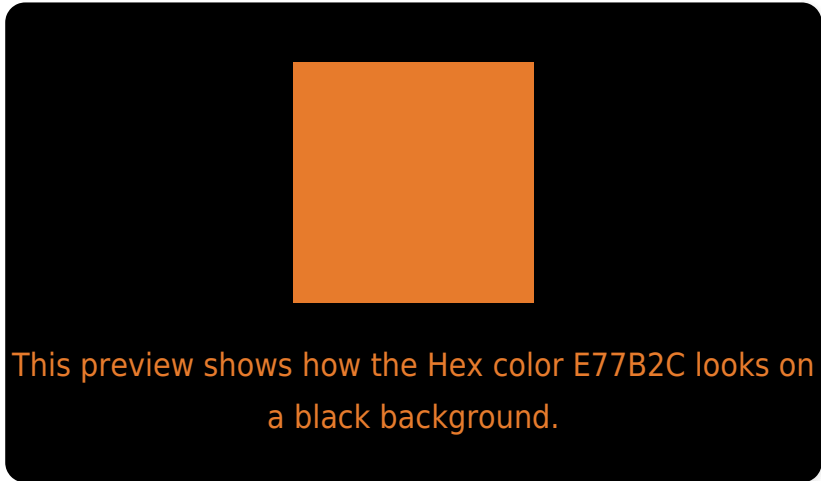
Large Text (above 18pt) WCAG AA × Fail

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 E77B2C Background



This preview shows how black text looks on a background with the Hex color E77B2C.



This preview shows how white text looks on a background with the Hex color E77B2C.

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](#).

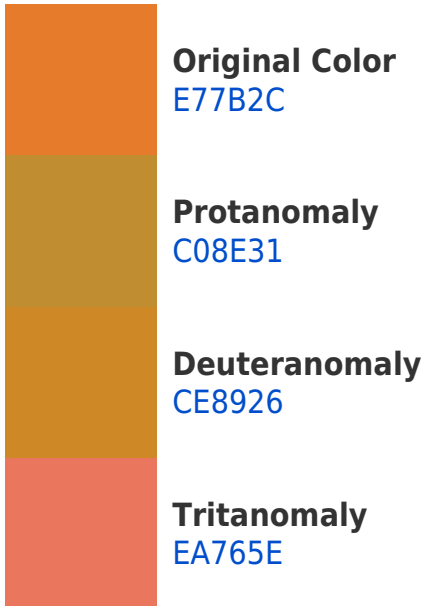
Dichromacy



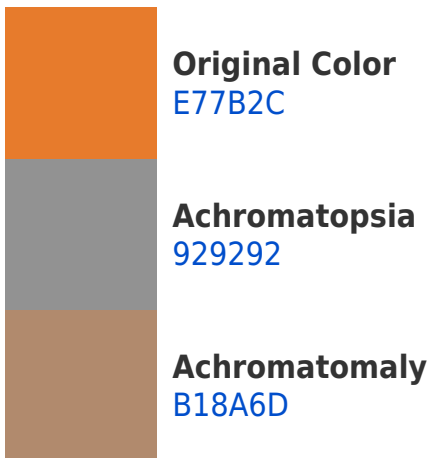


Tritanopia
EB737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E77B2C 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 #E77B2C looks like.

```
.text, #text, p{  
    color:#E77B2C  
}
```

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 #E77B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E77B2C
}
```

Border

The CSS property to change the border of an element to Hex E77B2C 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
#E77B2C }
```

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

```
.border{ border-color:#E77B2C }
```

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

Here you see how a box with a 4 pixel #E77B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E77B2C; -webkit-box-shadow:4px 4px  
4px 4px #E77B2C; box-shadow:4px 4px 4px  
4px #E77B2C }
```

Background

The CSS property to change the background color of an element to Hex E77B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E77B2C }
```

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

```
.background{ background-color:#E77B2C }
```

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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