

Converting Colors

Hex(E87D1D)

Have a look what the booklet for
Hex(E87D1D) contains.

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Color

Hex(E87D1D)

Conversions

Conversions Part 1

Format	Color
Hex	E87D1D
RGB	232, 125, 29
RGB Percent	91%, 49%, 11%
CMY	0.0902, 0.5098, 0.8863
CMYK	0.00, 0.46, 0.88, 0.09
HSL	28°, 82%, 51%
HSV	28°, 88%, 91%
XYZ	40.8341, 31.9117, 5.1698
YIQ	146.0490, 94.5880, -7.1720

Conversions

Conversions Part 2

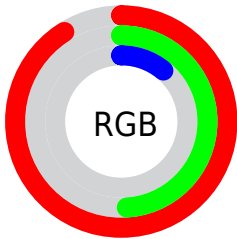
Format	Color
R _Y B	232, 211, 29
Decimal	15236381
CIE Lab	63.27, 35.60, 64.25
CIE LCh	63, 73.454, 61.010
Yxy	31.9117, 0.5241, 0.4096
Android (android.graphics.Color)	4293426461 (0xFFE87D1D)
YUV	146.0490, -57.7052, 75.3790
Hunter-Lab	56.4905, 30.1702, 34.1173

Details

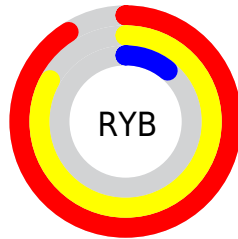
The Hex color **E87D1D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1D88E8**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB355**, and **A94A00** is the 20% darker color. If you saturate the color by 10%, you get **E87106**, and if you desaturate by 10%, it is **E88934**.

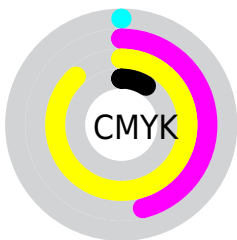
Distribution



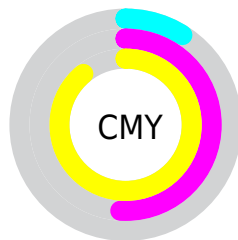
- Red (91%)
- Green (49%)
- Blue (11%)



- Red (91%)
- Yellow (83%)
- Blue (11%)



- Cyan (0%)
- Magenta (46%)
- Yellow (88%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color E87D1D 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 E87D1D by changing the saturation by 10% instead.

 E87D1D

 E87D1D

FFFFFF

 C96300

 FFB355

 A94A00

 FFCF6F

 8B3200

 FFE88A

 6D1900

 FFFFA6

 500000

 FFFFC2

 350000

 FFFFDE

 100000

 FFFFFC

 000000

 E87D1D

 E87D1D

 E87106

 E88934

 E86E00

 E8954B

 E8A263

 E8AE7A

 E8BA91

 E8C6A8

 E8D3BF

 E8DFD7

 E8EBEE

Harmonies

Analogous

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



FF605A



E87D1D



B59700

Triad

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



E87D1D



00B79A



9987FF

Complementary

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



E87D1D



1D88E8

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



E87D1D



00B6DB

Square

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



E87D1D



00B256



00B0FF



E867DA

Rectangle

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



E87D1D



8CA400



00B0FF



6C90FF

Sweetspot

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



E87D1D



FFDCBD



E81D89



806B58



000000



808080

Same Dimension

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



E87D1D



FF7900



E8E11D



736D67



B35400



331800

Inverse Universe

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



1D88E8



0086FF



1D24E8



676D73



005EB3



001B33

Previews

White Background



This preview shows how the Hex color E87D1D looks on a white background.

Color Contrast Check

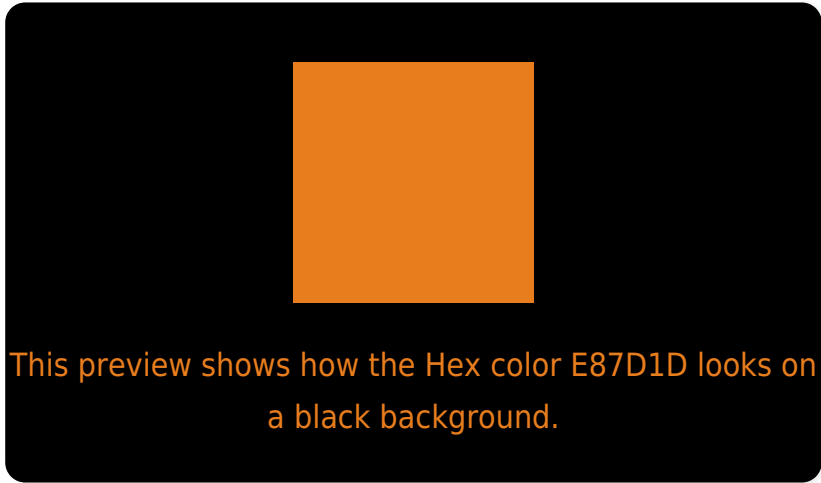
Large Text (above 18pt) WCAG AA × Fail

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 E87D1D Background



This preview shows how black text looks on a background with the Hex color E87D1D.



This preview shows how white text looks on a background with the Hex color E87D1D.

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
E87D1D

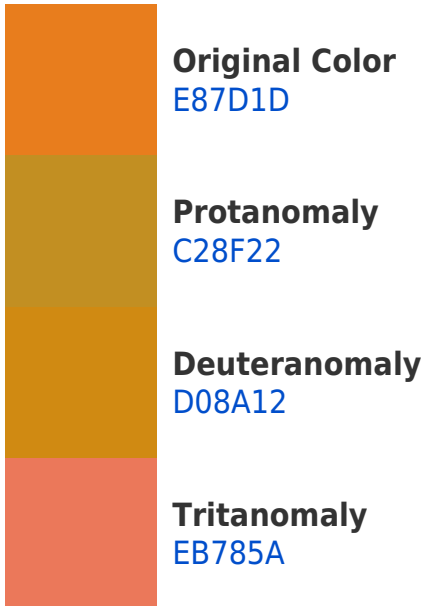
Protanopia
AD9A25

Deuteranopia
C2920B



Tritanopia
EC757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E87D1D 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 #E87D1D looks like.

```
.text, #text, p{  
    color:#E87D1D  
}
```

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 #E87D1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87D1D
}
```

Border

The CSS property to change the border of an element to Hex E87D1D 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
#E87D1D }
```

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

```
.border{ border-color:#E87D1D }
```

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

Here you see how a box with a 4 pixel #E87D1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87D1D; -webkit-box-shadow:4px 4px  
4px 4px #E87D1D; box-shadow:4px 4px 4px  
4px #E87D1D }
```

Background

The CSS property to change the background color of an element to Hex E87D1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87D1D }
```

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

```
.background{ background-color:#E87D1D }
```

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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