

Converting Colors

Hex(ED7308)

Have a look what the booklet for
Hex(ED7308) contains.

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Color

Hex(ED7308)

Conversions

Conversions Part 1

Format	Color
Hex	ED7308
RGB	237, 115, 8
RGB Percent	93%, 45%, 3%
CMY	0.0706, 0.5490, 0.9686
CMYK	0.00, 0.51, 0.97, 0.07
HSL	28°, 93%, 48%
HSV	28°, 97%, 93%
XYZ	41.0996, 30.2835, 3.9088
YIQ	139.2800, 107.0590, -7.4130

Conversions

Conversions Part 2

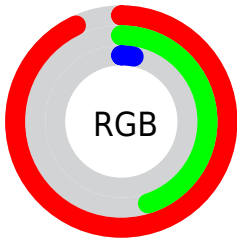
Format	Color
R _Y B	237, 209, 8
Decimal	15561480
CIE Lab	61.90, 42.33, 68.33
CIE LCh	62, 80.379, 58.222
Yxy	30.2835, 0.5459, 0.4022
Android (android.graphics.Color)	4293751560 (0xFFED7308)
YUV	139.2800, -64.7210, 85.7004
Hunter-Lab	55.0305, 37.0098, 34.3099

Details

The Hex color **ED7308** 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 **0882ED**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA948**, and **AD3F00** is the 20% darker color. If you saturate the color by 10%, you get **ED6F00**, and if you desaturate by 10%, it is **ED8020**.

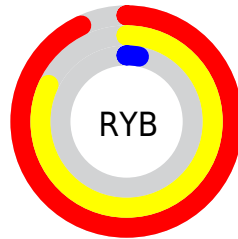
Distribution



Red (93%)

Green (45%)

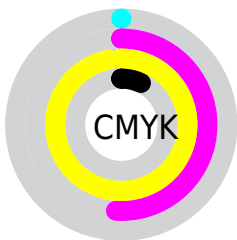
Blue (3%)



Red (93%)

Yellow (82%)

Blue (3%)

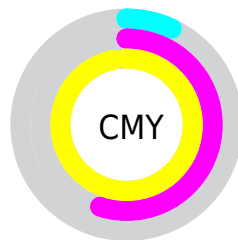


Cyan (0%)

Magenta (51%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (55%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED7308 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 ED7308 by changing the saturation by 10% instead.

 ED7308

 ED7308

FFFFFF

 CD5900

 FFA948

 AD3F00

 FFC563

 8E2500

 FFE17E

 700400

 FFFE9A

 520000

 FFFFB6

 370001

 FFFF D2

 120000

 FFFF EF

 000000

 ED7308

 ED7308

■ ED6F00

■ ED8020

■ ED8C37

■ ED994F

■ EDA667

■ EDB27E

■ EDBF96

■ EDCBAE

■ EDD8C6

■ EDE5DD

Harmonies

Analogous

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



FF4F57



ED7308



B89100

Triad

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



ED7308



00B48F



8584FF

Complementary

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



ED7308



0882ED

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



ED7308



00B5D7

Square

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



ED7308



00B044



00AFFF



E5EE2

Rectangle

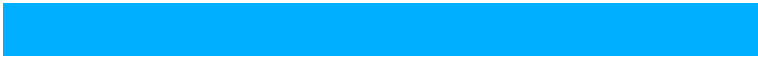
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED7308



8B9F00



00AFFF



448FFF

Sweetspot

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



ED7308



FFD8B5



ED0882



806853



000000



808080

Same Dimension

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



ED7308



FF7700



EDE508



756F6A



B55500



361900

Inverse Universe

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



0882ED



0088FF



0810ED



6A7075



0060B5



001D36

Previews

White Background



This preview shows how the Hex color ED7308 looks on a white background.

Color Contrast Check

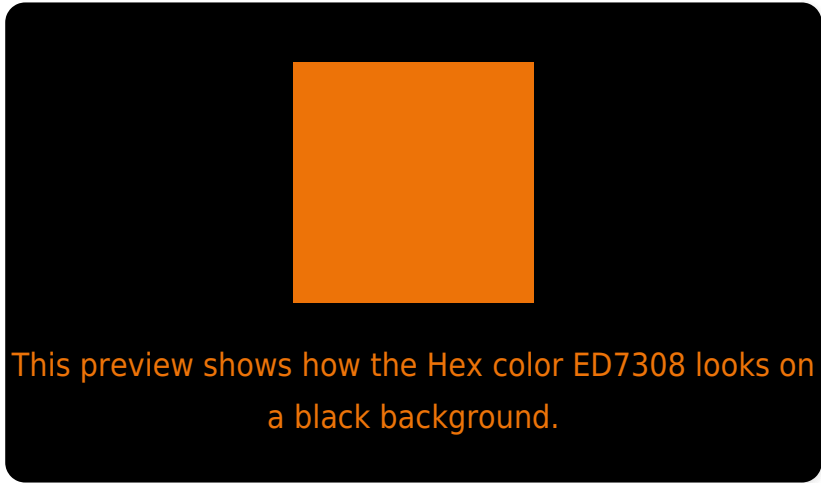
Large Text (above 18pt) WCAG AA × Fail

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 ED7308 Background



This preview shows how black text looks on a background with the Hex color ED7308.



This preview shows how white text looks on a background with the Hex color ED7308.

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
ED7308

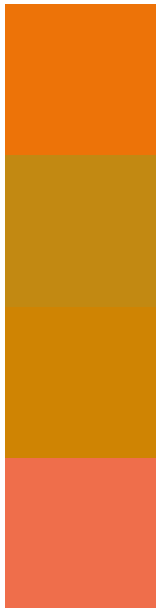
Protanopia
A99617

Deuteranopia
BE8E00



Tritanopia
F06B72

Trichromacy



Original Color
ED7308

Protanomaly
C28912

Deuteranomaly
CF8403

Tritanomaly
EF6E4B

Monochromacy



Original Color
ED7308

Achromatopsia
8B8B8B

Achromatomaly
AF825B

CSS Examples

Text

The CSS property to change the color of the text to Hex ED7308 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 #ED7308 looks like.

```
.text, #text, p{  
    color:#ED7308  
}
```

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 #ED7308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7308
}
```

Border

The CSS property to change the border of an element to Hex ED7308 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
#ED7308 }
```

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

```
.border{ border-color:#ED7308 }
```

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

Here you see how a box with a 4 pixel #ED7308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7308; -webkit-box-shadow:4px 4px  
4px 4px #ED7308; box-shadow:4px 4px 4px  
4px #ED7308 }
```

Background

The CSS property to change the background color of an element to Hex ED7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7308 }
```

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

```
.background{ background-color:#ED7308 }
```

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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