

Converting Colors

Hex(EC7D30)

Have a look what the booklet for
Hex(EC7D30) contains.

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Color

Hex(EC7D30)

Conversions

Conversions Part 1

Format	Color
Hex	EC7D30
RGB	236, 125, 48
RGB Percent	93%, 49%, 19%
CMY	0.0745, 0.5098, 0.8118
CMYK	0.00, 0.47, 0.80, 0.07
HSL	25°, 83%, 56%
HSV	25°, 80%, 93%
XYZ	42.4592, 32.7135, 6.8728
YIQ	149.4110, 90.8730, -0.4150

Conversions

Conversions Part 2

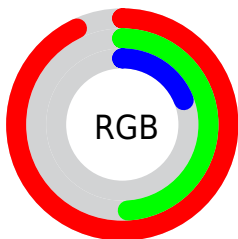
Format	Color
R_{YB}	236, 178, 48
Decimal	15498544
CIE _{Lab}	63.93, 37.70, 58.18
CIE _{LCh}	64, 69.324, 57.053
Yxy	32.7135, 0.5175, 0.3987
Android (android.graphics.Color)	4293688624 (0xFFEC7D30)
YUV	149.4110, -49.9956, 75.9386
Hunter-Lab	57.1957, 32.4168, 32.9125

Details

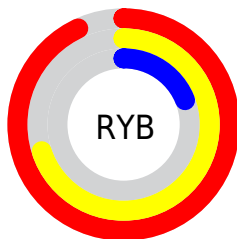
The Hex color **EC7D30** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **309FEC**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB364**, and **AE4A00** is the 20% darker color. If you saturate the color by 10%, you get **EC6F18**, and if you desaturate by 10%, it is **EC8B48**.

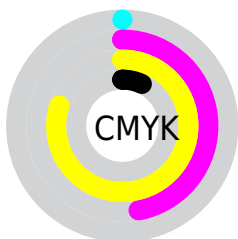
Distribution



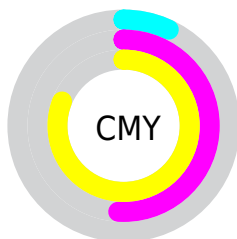
- Red (93%)
- Green (49%)
- Blue (19%)



- Red (93%)
- Yellow (70%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (80%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7D30 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 EC7D30 by changing the saturation by 10% instead.

 EC7D30

 EC7D30

FFFFFF

 CD6314


 FFB364

 AE4A00

 FFCF7E

 8F3100

 FFE899

 711700

 FFFF80

 540000

 FFFFD1

 380000

 FFFFEE

 180001

 000000

 EC7D30

 EC7D30

 EC6F18

 EC8B48

 EC6101

 EC995F

 EC6100

 ECA777

 ECB58E

 ECC3A6

 ECD1BE

 ECDFD5

 ECECED

 ECFAFF

Harmonies

Analogous

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



FF6467



EC7D30



BE9600

Triad

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



EC7D30



00B793



8D8DFF

Complementary

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



EC7D30



309FEC

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.



00A4FF



EC7D30



00B7D2

Square

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



EC7D30



15B253



00B2FF



DF70DF

Rectangle

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



EC7D30



98A301



00B2FF



6096FF

Sweetspot

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



EC7D30



FFDBC2



EC30A1



806A5B



000000



808080

Same Dimension

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



EC7D30



FF6E0A



ECD930



756E6A



B54A00



361600

Inverse Universe

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



309FEC



0A9BFF



3043EC



6A7075



006BB5



002036

Previews

White Background



This preview shows how the Hex color EC7D30 looks on a white background.

Color Contrast Check

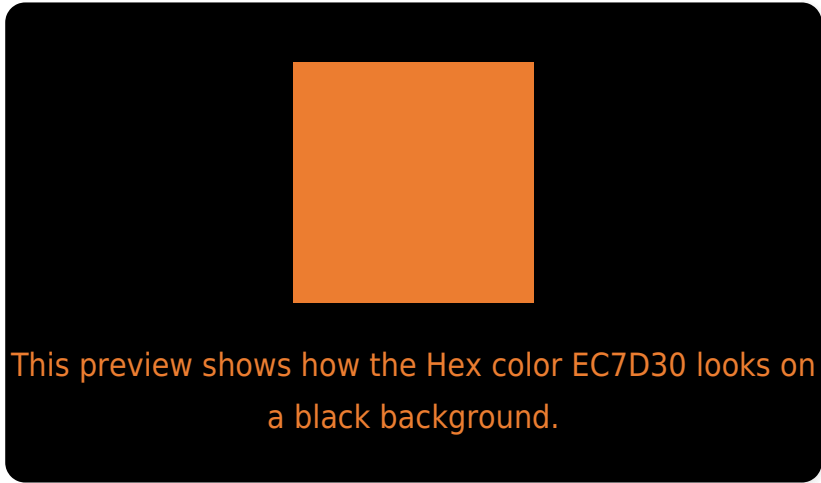
Large Text (above 18pt) WCAG AA × Fail

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 EC7D30 Background



This preview shows how black text looks on a background with the Hex color EC7D30.

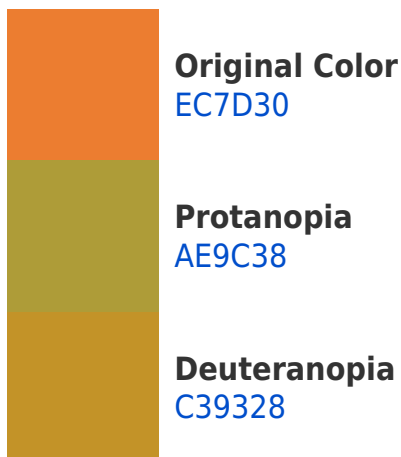


This preview shows how white text looks on a background with the Hex color EC7D30.

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
F0757D

Trichromacy



Original Color
EC7D30

Protanomaly
C59135

Deuteranomaly
D28B2B

Tritanomaly
EF7861

Monochromacy



Original Color
EC7D30

Achromatopsia
959595

Achromatomaly
B58C70

CSS Examples

Text

The CSS property to change the color of the text to Hex EC7D30 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 #EC7D30 looks like.

```
.text, #text, p{  
    color:#EC7D30  
}
```

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 #EC7D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7D30  
}
```

Border

The CSS property to change the border of an element to Hex EC7D30 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  
#EC7D30 }
```

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

```
.border{ border-color:#EC7D30 }
```

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

Here you see how a box with a 4 pixel #EC7D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7D30; -webkit-box-shadow:4px 4px  
4px 4px #EC7D30; box-shadow:4px 4px 4px  
4px #EC7D30 }
```

Background

The CSS property to change the background color of an element to Hex EC7D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7D30 }
```

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

```
.background{ background-color:#EC7D30 }
```

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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