

Converting Colors

Hex(EC7D51)

Have a look what the booklet for
Hex(EC7D51) contains.

Hex(EC7D51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EC7D51)

Conversions

Conversions Part 1

Format	Color
Hex	EC7D51
RGB	236, 125, 81
RGB Percent	93%, 49%, 32%
CMY	0.0745, 0.5098, 0.6824
CMYK	0.00, 0.47, 0.66, 0.07
HSL	17°, 80%, 62%
HSV	17°, 66%, 93%
XYZ	43.4109, 33.0942, 11.8844
YIQ	153.1730, 80.2800, 9.8480

Conversions

Conversions Part 2

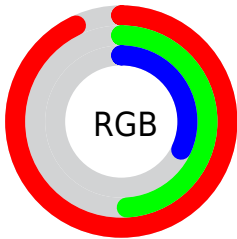
Format	Color
R _Y B	236, 142, 81
Decimal	15498577
CIE Lab	64.24, 39.21, 42.76
CIE LCh	64, 58.013, 47.482
Yxy	33.0942, 0.4911, 0.3744
Android (android.graphics.Color)	4293688657 (0xFFEC7D51)
YUV	153.1730, -35.5813, 72.6393
Hunter-Lab	57.5275, 34.0248, 28.0208

Details

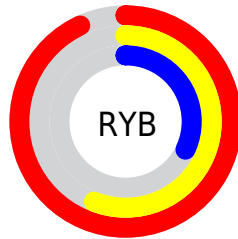
The Hex color **EC7D51** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **51C0EC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB384**, and **AF4921** is the 20% darker color. If you saturate the color by 10%, you get **EC6C39**, and if you desaturate by 10%, it is **EC8E69**.

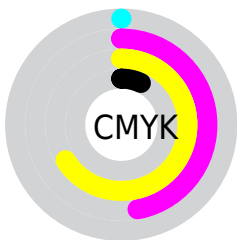
Distribution



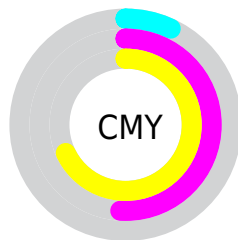
- Red (93%)
- Green (49%)
- Blue (32%)



- Red (93%)
- Yellow (56%)
- Blue (32%)



- Cyan (0%)
- Magenta (47%)
- Yellow (66%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7D51 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 EC7D51 by changing the saturation by 10% instead.

 EC7D51

 EC7D51

FFFFFF

 CD6339

 FFB384

 AF4921

 FFCF9E

 913009

 FFECB9

 731500

 FFFFD5

 560000

 FFFFF2

 3A0000

 1C0001

 000000

 EC7D51

 EC7D51

 EC6C39

 EC8E69

 EC5B22

 EC9F80

 EC4A0A

 ECB098

 EC4300

 ECC1AF

 ECD2C7

 ECE2DF

 ECF3F6

 ECFFFF

Harmonies

Analogous

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



FB6E80



EC7D51



CA9131

Triad

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



EC7D51



00B484



7697FF

Complementary

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



EC7D51



51C0EC

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.



00A8FF



EC7D51



00B5B9

Square

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



EC7D51



5EAE52



00B1E7



C581E2

Rectangle

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



EC7D51



AB9D2C



00B1E7



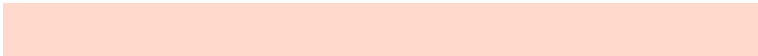
4A9DFF

Sweetspot

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



EC7D51



FFDACC



EC51C0



806A61



000000



808080

Same Dimension

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



EC7D51



FF6F36



ECCA51



756D6A



B53300



360F00

Inverse Universe

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



51C0EC



36C6FF



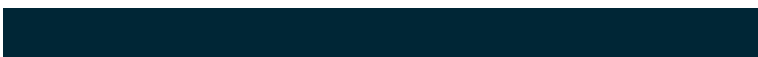
5173EC



6A7275



0082B5



002636

Previews

White Background



This preview shows how the Hex color EC7D51 looks on a white background.

Color Contrast Check

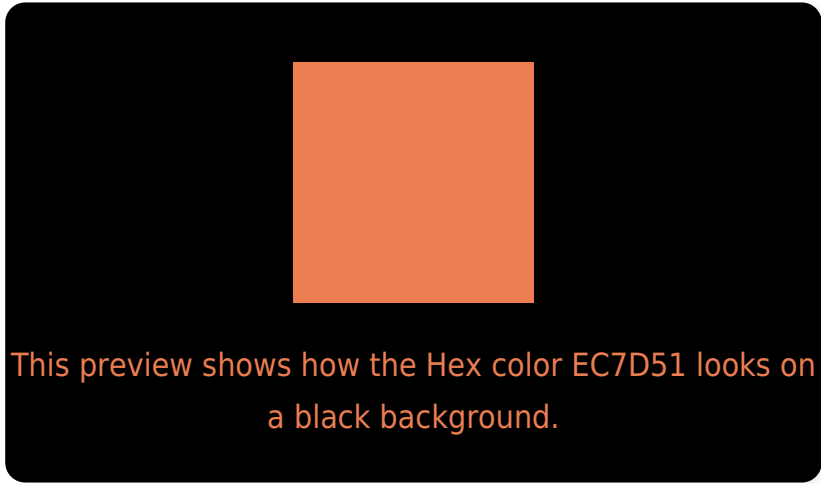
Large Text (above 18pt) WCAG AA × Fail

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 EC7D51 Background



This preview shows how black text looks on a background with the Hex color EC7D51.

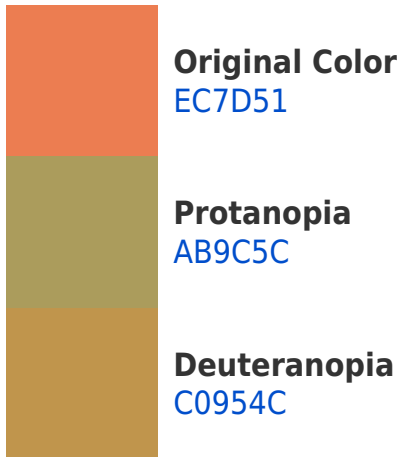


This preview shows how white text looks on a background with the Hex color EC7D51.

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](#).

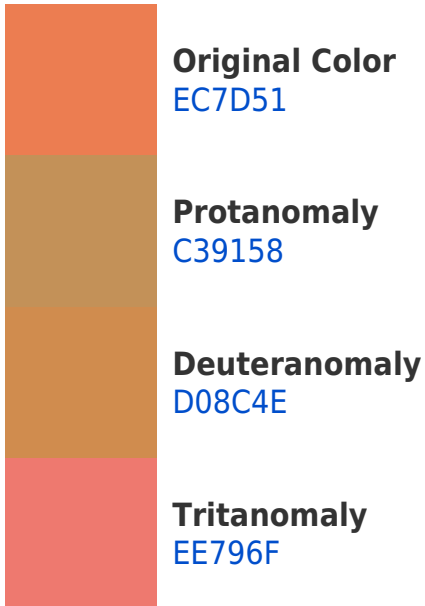
Dichromacy





Tritanopia
EF7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC7D51 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 #EC7D51 looks like.

```
.text, #text, p{  
    color:#EC7D51  
}
```

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 #EC7D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7D51
}
```

Border

The CSS property to change the border of an element to Hex EC7D51 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
#EC7D51 }
```

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

```
.border{ border-color:#EC7D51 }
```

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

Here you see how a box with a 4 pixel #EC7D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7D51; -webkit-box-shadow:4px 4px  
4px 4px #EC7D51; box-shadow:4px 4px 4px  
4px #EC7D51 }
```

Background

The CSS property to change the background color of an element to Hex EC7D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7D51 }
```

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

```
.background{ background-color:#EC7D51 }
```

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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