

Converting Colors

Hex(E7764B)

Have a look what the booklet for
Hex(E7764B) contains.

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Color

Hex(E7764B)

Conversions

Conversions Part 1

Format	Color
Hex	E7764B
RGB	231, 118, 75
RGB Percent	91%, 46%, 29%
CMY	0.0941, 0.5373, 0.7059
CMYK	0.00, 0.49, 0.68, 0.09
HSL	17°, 76%, 60%
HSV	17°, 68%, 91%
XYZ	40.7034, 30.4538, 10.3895
YIQ	146.8850, 81.1510, 10.5830

Conversions

Conversions Part 2

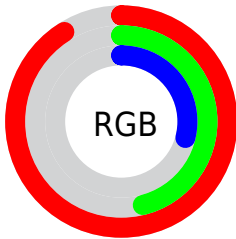
Format	Color
RYB	231, 134, 75
Decimal	15169099
CIELab	62.04, 40.48, 43.17
CIElCh	62, 59.179, 46.838
Yxy	30.4538, 0.4991, 0.3735
Android (android.graphics.Color)	4293359179 (0xFFE7764B)
YUV	146.8850, -35.4393, 73.7689
Hunter-Lab	55.1850, 35.0847, 27.4672

Details

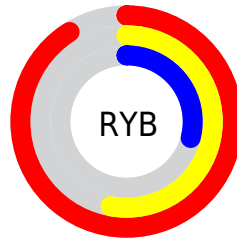
The Hex color **E7764B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4BBCE7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAC7D**, and **AA421C** is the 20% darker color. If you saturate the color by 10%, you get **E76534**, and if you desaturate by 10%, it is **E78762**.

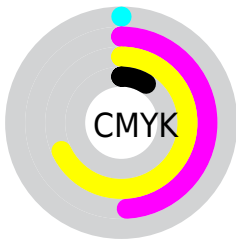
Distribution



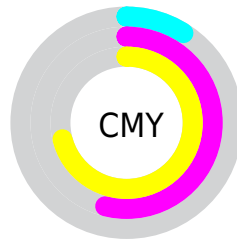
- Red (91%)
- Green (46%)
- Blue (29%)



- Red (91%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7764B 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 E7764B by changing the saturation by 10% instead.

 E7764B

 E7764B

FFFFFF

 C85C33

 FFAC7D

 AA421C

 FFC898

 8C2903

 FFE4B3

 6E0B00

 FFFFCE

 510000

 FFFFEB

 360001

 0F0000

 000000

 E7764B

 E7764B

 E76534

 E78762

 E7551D

 E79779

 E74406

 E7A890

 E74000

 E7B9A7

 E7CABF

 E7DAD6

 E7EBED

 E7FCFF

 E7FFFF

Harmonies

Analogous

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



F6667B



E7764B



C58B28

Triad

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



E7764B



00AE7C



6B91FB

Complementary

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



E7764B



4BBCE7

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.



00A2FC



E7764B



00AFB3

Square

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



E7764B



58A84A



00ACE1



BE7BDE

Rectangle

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



E7764B



A69722



00ACE1



3898FE

Sweetspot

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



E7764B



FFDACC



E74BBD



806961



000000



808080

Same Dimension

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



E7764B



FF6930



E7C34B



736A67



B33100



330E00

Inverse Universe

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



4BBCE7



30C6FF



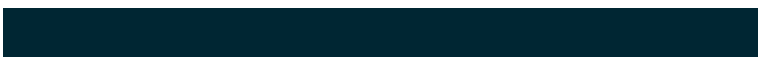
4B6FE7



677073



0081B3



002533

Previews

White Background



This preview shows how the Hex color E7764B 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 E7764B Background



This preview shows how black text looks on a background with the Hex color E7764B.

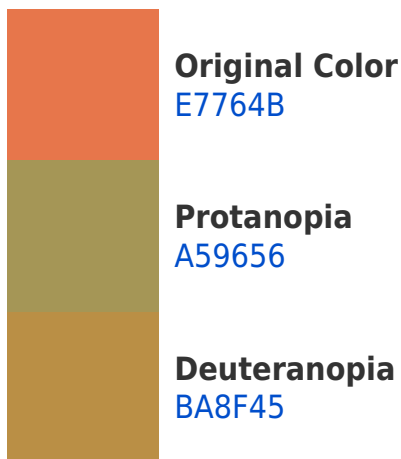


This preview shows how white text looks on a background with the Hex color E7764B.

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
E97078

Trichromacy



Original Color
E7764B

Protanomaly
BD8A52

Deuteranomaly
CA8647

Tritanomaly
E87268

Monochromacy



Original Color
E7764B

Achromatopsia
939393

Achromatomaly
B28879

CSS Examples

Text

The CSS property to change the color of the text to Hex E7764B 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 #E7764B looks like.

```
.text, #text, p{  
    color:#E7764B  
}
```

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 #E7764B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7764B
}
```

Border

The CSS property to change the border of an element to Hex E7764B 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
#E7764B }
```

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

```
.border{ border-color:#E7764B }
```

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

Here you see how a box with a 4 pixel #E7764B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7764B; -webkit-box-shadow:4px 4px  
4px 4px #E7764B; box-shadow:4px 4px 4px  
4px #E7764B }
```

Background

The CSS property to change the background color of an element to Hex E7764B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7764B }
```

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

```
.background{ background-color:#E7764B }
```

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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