

Converting Colors

Hex(EB7540)

Have a look what the booklet for
Hex(EB7540) contains.

Hex(EB7540)	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(EB7540)

Conversions

Conversions Part 1

Format	Color
Hex	EB7540
RGB	235, 117, 64
RGB Percent	92%, 46%, 25%
CMY	0.0784, 0.5412, 0.7490
CMYK	0.00, 0.50, 0.73, 0.08
HSL	19°, 81%, 59%
HSV	19°, 73%, 92%
XYZ	41.5477, 30.7549, 8.5970
YIQ	146.2400, 87.3410, 8.5330

Conversions

Conversions Part 2

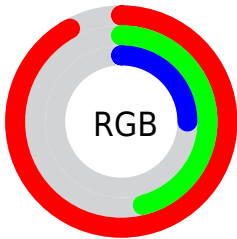
Format	Color
RYB	235, 141, 64
Decimal	15430976
CIELab	62.30, 41.97, 49.20
CIElCh	62, 64.666, 49.537
Yxy	30.7549, 0.5136, 0.3802
Android (android.graphics.Color)	4293621056 (0xFFEB7540)
YUV	146.2400, -40.5443, 77.8425
Hunter-Lab	55.4571, 36.6796, 29.6288

Details

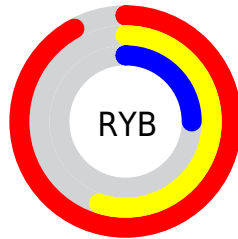
The Hex color **EB7540** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **40B6EB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAB72**, and **AD410E** is the 20% darker color. If you saturate the color by 10%, you get **EB6529**, and if you desaturate by 10%, it is **EB8558**.

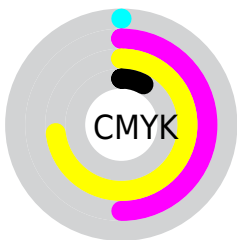
Distribution



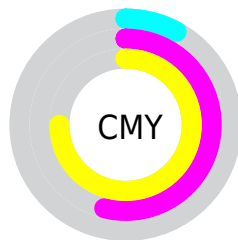
- Red (92%)
- Green (46%)
- Blue (25%)



- Red (92%)
- Yellow (55%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (8%)



- Cyan (8%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB7540 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 EB7540 by changing the saturation by 10% instead.

 EB7540

 EB7540

FFFFFF

 CC5B28

 FFAB72

 AD410E

 FFC78C

 8E2700

 FFE4A7

 700700

 FFFFC3

 530000

 FFFFDF

 380001

FFFFFFC

 140000

 000000

 EB7540

 EB7540

 EB6529

 EB8558

 EB5511

 EB956F

 EB4900

 EBA687

 EBB69E

 EBC6B6

 EBD6CD

 EBE7E5

 EBF7FC

 EBFFFF

Harmonies

Analogous

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



FE6174



EB7540



C48D15

Triad

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



EB7540



00B080



6F90FF

Complementary

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



EB7540



40B6EB

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.



00A3FF



EB7540



00B2BB

Square

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



EB7540



47AB47



00AEED



C876E2

Rectangle

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



EB7540



A29A0D



00AEED



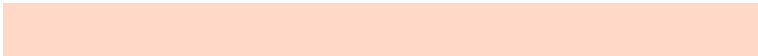
3497FF

Sweetspot

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



EB7540



FFD8C7



EB40B8



80695E



000000



808080

Same Dimension

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



EB7540



FF6621



EBC940



756D6A



B53800



361100

Inverse Universe

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



40B6EB



21BAFF



4062EB



6A7275



007DB5



002536

Previews

White Background



This preview shows how the Hex color EB7540 looks on a white background.

Color Contrast Check

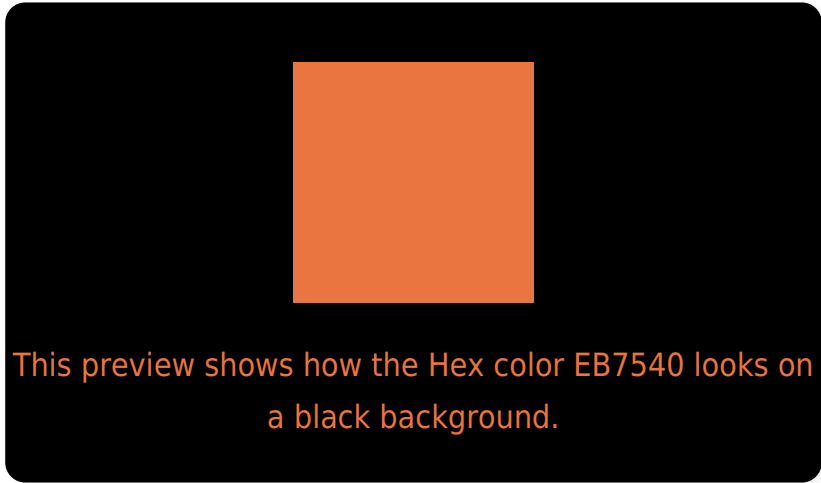
Large Text (above 18pt) WCAG AA × Fail

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

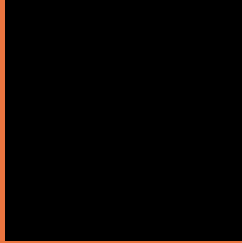
Any Text WCAG AA ✓ Pass

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 EB7540 Background



This preview shows how black text looks on a background with the Hex color EB7540.



This preview shows how white text looks on a background with the Hex color EB7540.

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
EB7540

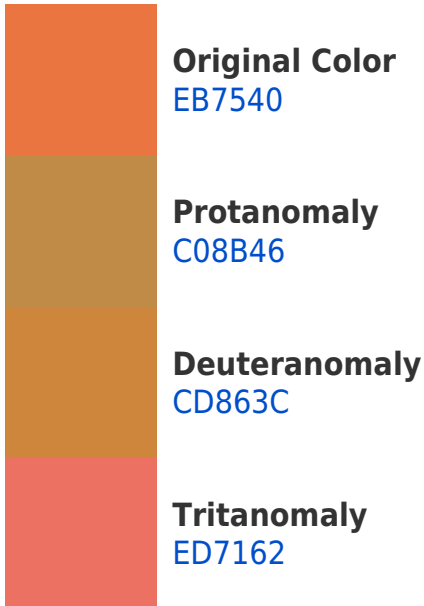
Protanopia
A7974A

Deuteranopia
BC9039

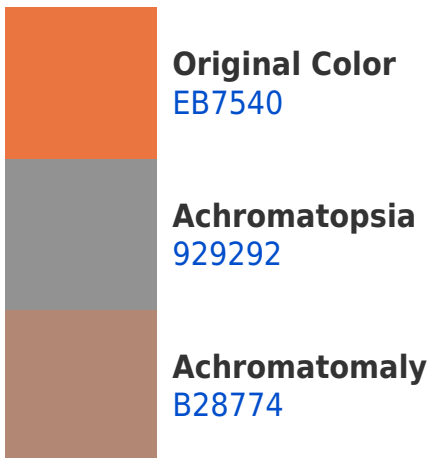


Tritanopia
EE6F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB7540 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 #EB7540 looks like.

```
.text, #text, p{  
    color:#EB7540  
}
```

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 #EB7540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB7540
}
```

Border

The CSS property to change the border of an element to Hex EB7540 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
#EB7540 }
```

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

```
.border{ border-color:#EB7540 }
```

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

Here you see how a box with a 4 pixel #EB7540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB7540; -webkit-box-shadow:4px 4px  
4px 4px #EB7540; box-shadow:4px 4px 4px  
4px #EB7540 }
```

Background

The CSS property to change the background color of an element to Hex EB7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB7540 }
```

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

```
.background{ background-color:#EB7540 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor