

Converting Colors

Hex(E6500F)

Have a look what the booklet for
Hex(E6500F) contains.

Hex(E6500F)	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(E6500F)

Conversions

Conversions Part 1

Format	Color
Hex	E6500F
RGB	230, 80, 15
RGB Percent	90%, 31%, 6%
CMY	0.0980, 0.6863, 0.9412
CMYK	0.00, 0.65, 0.93, 0.10
HSL	18°, 88%, 48%
HSV	18°, 93%, 90%
XYZ	35.5880, 22.5948, 2.9375
YIQ	117.4400, 110.2650, 11.5850

Conversions

Conversions Part 2

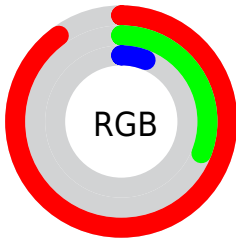
Format	Color
R_{YB}	230, 108, 15
Decimal	15093775
CIE _{Lab}	54.65, 55.84, 61.83
CIE _{LCh}	55, 83.315, 47.914
Yxy	22.5948, 0.5823, 0.3697
Android (android.graphics.Color)	4293283855 (0xFFE6500F)
YUV	117.4400, -50.5029, 98.7151
Hunter-Lab	47.5340, 50.4559, 29.6098

Details

The Hex color **E6500F** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **0FA5E6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8746**, and **A60E00** is the 20% darker color. If you saturate the color by 10%, you get **E64600**, and if you desaturate by 10%, it is **E66026**.

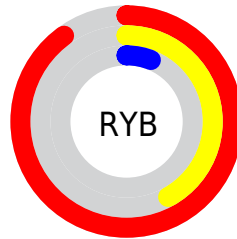
Distribution



Red (90%)

Green (31%)

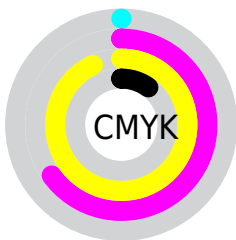
Blue (6%)



Red (90%)

Yellow (42%)

Blue (6%)

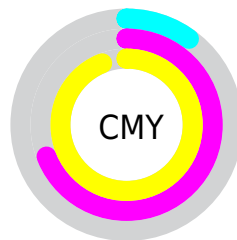


Cyan (0%)

Magenta (65%)

Yellow (93%)

Black (10%)



Cyan (10%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6500F 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 E6500F by changing the saturation by 10% instead.

 E6500F

 E6500F

FFFFFF

 C63300

 FF8746

 A60E00

 FFA360

 860000

 FFC07A

 670000

 FFDD95

 490001

 FFFAB1

 2D0001

 FFFFCD

 000000

 FFFF E9

 E6500F

 E6500F

 E64600

 E66026

 E6703D

 E68054

 E6906B

 E6A082

 E6B099

 E6C0B0

 E6D0C7

 E6E0DE

Harmonies

Analogous

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



FD1D5C



E6500F



B77500

Triad

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



E6500F



009F62



007DFF

Complementary

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



E6500F



0FA5E6

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.



0094FF



E6500F



00A1AD

Square

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



E6500F



009904



009FEE



B956E5

Rectangle

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



E6500F



8E8600



009FEE



0086FF

Sweetspot

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



E6500F



FFCDB8



E60FA6



806154



000000



808080

Same Dimension

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



E6500F



FF4D00



E6BB0F



736B67



B33600



330F00

Inverse Universe

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



0FA5E6



00B2FF



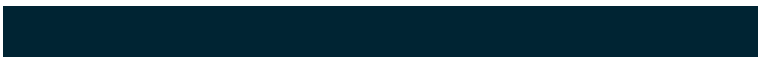
0F3AE6



676F73



007DB3



002433

Previews

White Background



This preview shows how the Hex color E6500F looks on a white background.

Color Contrast Check

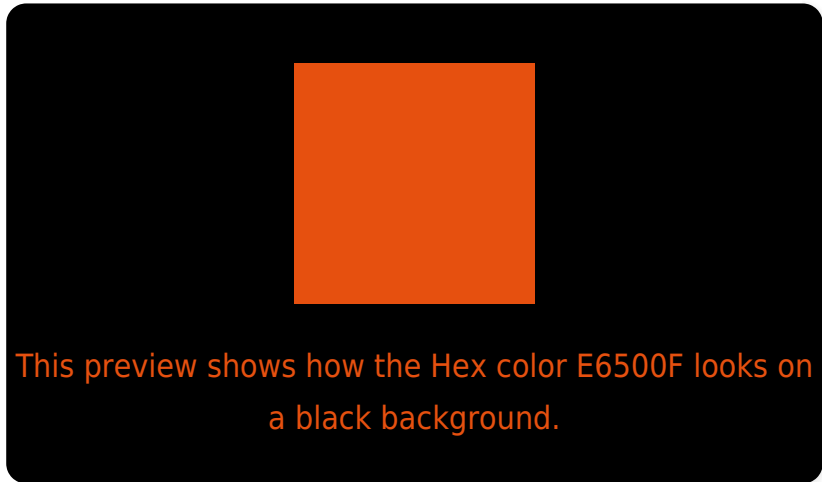
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E6500F Background



This preview shows how black text looks on a background with the Hex color E6500F.



This preview shows how white text looks on a background with the Hex color E6500F.

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
E6500F

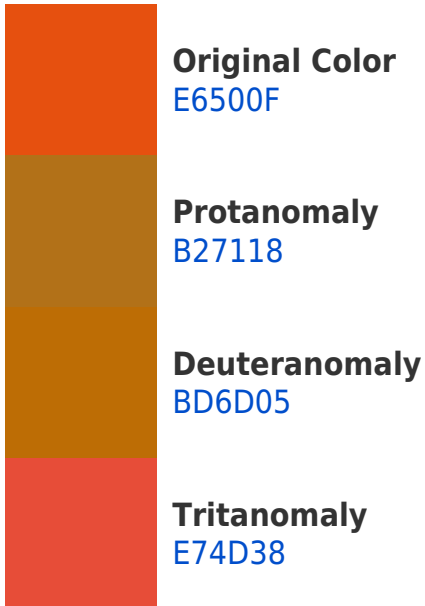
Protanopia
94841D

Deuteranopia
A67D00

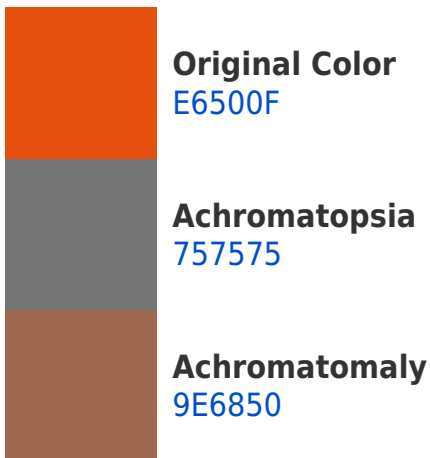


Tritanopia
E84B4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6500F 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 #E6500F looks like.

```
.text, #text, p{  
    color:#E6500F  
}
```

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 #E6500F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6500F
}
```

Border

The CSS property to change the border of an element to Hex E6500F 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
#E6500F }
```

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

```
.border{ border-color:#E6500F }
```

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

Here you see how a box with a 4 pixel #E6500F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6500F; -webkit-box-shadow:4px 4px  
4px 4px #E6500F; box-shadow:4px 4px 4px  
4px #E6500F }
```

Background

The CSS property to change the background color of an element to Hex E6500F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6500F }
```

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

```
.background{ background-color:#E6500F }
```

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