

Converting Colors

Hex(E66104)

Have a look what the booklet for
Hex(E66104) contains.

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Color

Hex(E66104)

Conversions

Conversions Part 1

Format	Color
Hex	E66104
RGB	230, 97, 4
RGB Percent	90%, 38%, 2%
CMY	0.0980, 0.6196, 0.9843
CMYK	0.00, 0.58, 0.98, 0.10
HSL	25°, 97%, 46%
HSV	25°, 98%, 90%
XYZ	36.9297, 25.3811, 3.0675
YIQ	126.1650, 109.1210, -0.7270

Conversions

Conversions Part 2

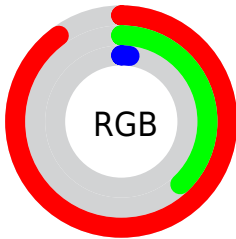
Format	Color
RYB	230, 162, 4
Decimal	15098116
CIELab	57.44, 48.28, 65.77
CIELCh	57, 81.590, 53.721
Yxy	25.3811, 0.5649, 0.3882
Android (android.graphics.Color)	4293288196 (0xFFE66104)
YUV	126.1650, -60.2273, 91.0633
Hunter-Lab	50.3797, 42.6810, 31.6558

Details

The Hex color **E66104** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **0489E6**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9743**, and **A62B00** is the 20% darker color. If you saturate the color by 10%, you get **E65F00**, and if you desaturate by 10%, it is **E66F1B**.

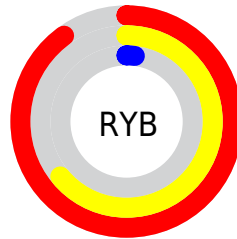
Distribution



Red (90%)

Green (38%)

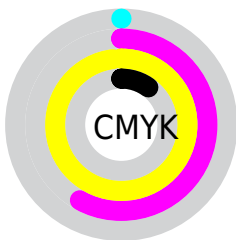
Blue (2%)



Red (90%)

Yellow (64%)

Blue (2%)

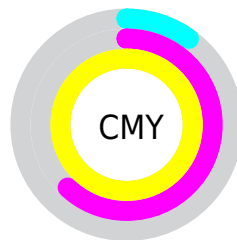


Cyan (0%)

Magenta (58%)

Yellow (98%)

Black (10%)



Cyan (10%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E66104 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 E66104 by changing the saturation by 10% instead.

 E66104

 E66104

FFFFFF

 C64600

 FF9743

 A62B00

 FFB35E

 870700

 FFCF79

 680000

 FFEC94

 4A0000

 FFFF4F

 300002

 FFFF4B

 000000

 FFFF48

 E66104

 E66104

■ E65F00

■ E66F1B

■ E67C32

■ E68A49

■ E69760

■ E6A577

■ E6B28E

■ E6C0A5

■ E6CD8C

■ E6DBD3

Harmonies

Analogous

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



FF3856



E66104



B38200

Triad

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



E66104



00A878



5C7EFF

Complementary

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



E66104



0489E6

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.



0098FF



E66104



00A9C2

Square

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



E66104



00A22B



00A5FD



CF57E0

Rectangle

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



E66104



899100



00A5FD



0088FF

Sweetspot

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



E66104



FFD3B5



E6048C



806553



000000



808080

Same Dimension

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



E66104



FF6900



E6CF04



736C67



B34900



331500

Inverse Universe

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



0489E6



0096FF



041BE6



676E73



0069B3



001E33

Previews

White Background



This preview shows how the Hex color E66104 looks on a white background.

Color Contrast Check

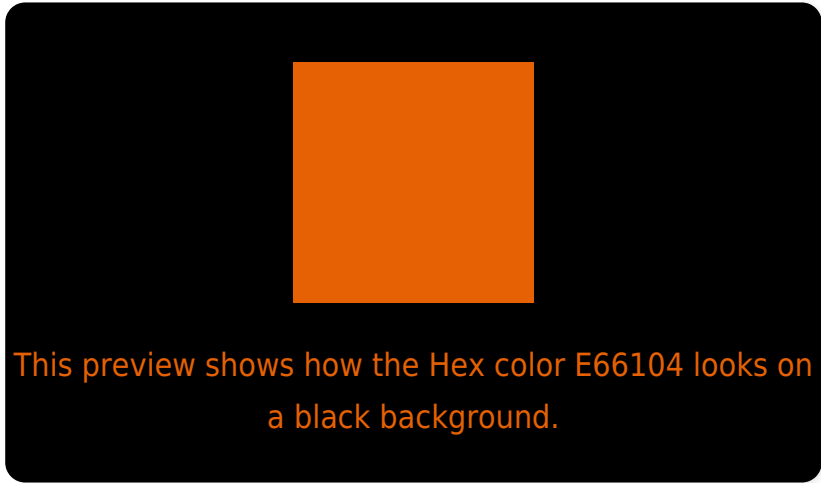
Large Text (above 18pt) WCAG AA ✓ Pass

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 E66104 Background



This preview shows how black text looks on a background with the Hex color E66104.



This preview shows how white text looks on a background with the Hex color E66104.

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
E66104

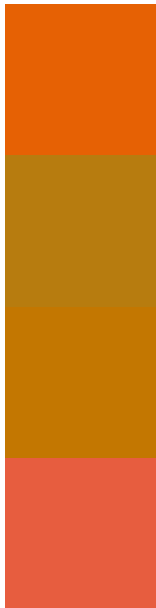
Protanopia
9C8B16

Deuteranopia
AF8300



Tritanopia
E85A60

Trichromacy



Original Color
E66104

Protanomaly
B77C0F

Deuteranomaly
C37701

Tritanomaly
E75D3F

Monochromacy



Original Color
E66104

Achromatopsia
7E7E7E

Achromatomaly
A47352

CSS Examples

Text

The CSS property to change the color of the text to Hex E66104 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 #E66104 looks like.

```
.text, #text, p{  
    color:#E66104  
}
```

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 #E66104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E66104
}
```

Border

The CSS property to change the border of an element to Hex E66104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

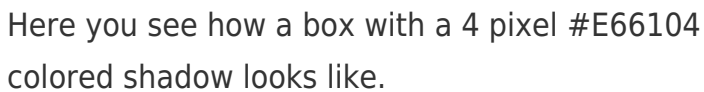
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E66104 }
```

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

```
.border{ border-color:#E66104 }
```

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



Here you see how a box with a 4 pixel #E66104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E66104; -webkit-box-shadow:4px 4px  
4px 4px #E66104; box-shadow:4px 4px 4px  
4px #E66104 }
```

Background

The CSS property to change the background color of an element to Hex E66104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E66104 }
```

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

```
.background{ background-color:#E66104 }
```

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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