

Converting Colors

Hex(E66402)

Have a look what the booklet for
Hex(E66402) contains.

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Color

Hex(E66402)

Conversions

Conversions Part 1

Format	Color
Hex	E66402
RGB	230, 100, 2
RGB Percent	90%, 39%, 1%
CMY	0.0980, 0.6078, 0.9922
CMYK	0.00, 0.57, 0.99, 0.10
HSL	26°, 98%, 45%
HSV	26°, 99%, 90%
XYZ	37.2013, 25.9417, 3.1040
YIQ	127.6980, 108.9380, -2.9180

Conversions

Conversions Part 2

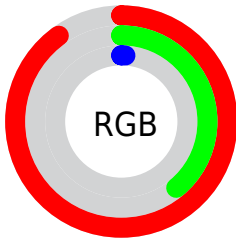
Format	Color
R_{YB}	230, 174, 2
Decimal	15098882
CIE _{Lab}	57.98, 46.86, 66.46
CIE _{LCh}	58, 81.316, 54.814
Yxy	25.9417, 0.5616, 0.3916
Android (android.graphics.Color)	4293288962 (0xFFE66402)
YUV	127.6980, -61.9691, 89.7189
Hunter-Lab	50.9330, 41.2429, 32.0399

Details

The Hex color **E66402** 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 **0284E6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9A43**, and **A62F00** is the 20% darker color. If you saturate the color by 10%, you get **E66300**, and if you desaturate by 10%, it is **E67119**.

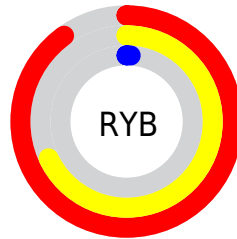
Distribution



Red (90%)

Green (39%)

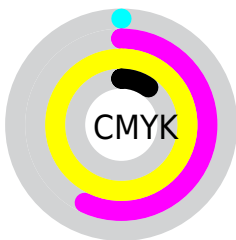
Blue (1%)



Red (90%)

Yellow (68%)

Blue (1%)

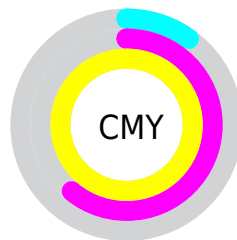


Cyan (0%)

Magenta (57%)

Yellow (99%)

Black (10%)



Cyan (10%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color E66402 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 E66402 by changing the saturation by 10% instead.

 E66402

 E66402

FFFFFF

 C64A00

 FF9A43

 A62F00

 FFB65E

 870F00

 FFD278

 680000

 FFEF93

 4B0000

 FFFF4F

 310002

 FFFF4B

 000000

 FFFF48

 E66402

 E66402

 E66300

 E67119

 E67E30

 E68B47

 E6985E

 E6A675

 E6B38C

 E6C0A3

 E6CDBA

 E6DAD1

Harmonies

Analogous

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



FF3C55



E66402



B38400

Triad

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



E66402



00A97C



657EFF

Complementary

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



E66402



0284E6

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



E66402



00AAC5

Square

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



E66402



00A430



00A6FF



D357DF

Rectangle

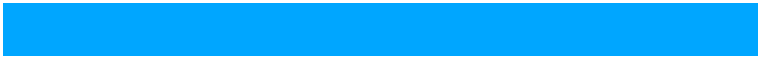
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E66402



889300



00A6FF



0088FF

Sweetspot

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



E66402



FFD3B3



E60287



806552



000000



808080

Same Dimension

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



E66402



FF6E00



E6D302



736C67



B34D00



331600

Inverse Universe

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



0284E6



0091FF



0215E6



676E73



0066B3



001D33

Previews

White Background



This preview shows how the Hex color E66402 looks on a white background.

Color Contrast Check

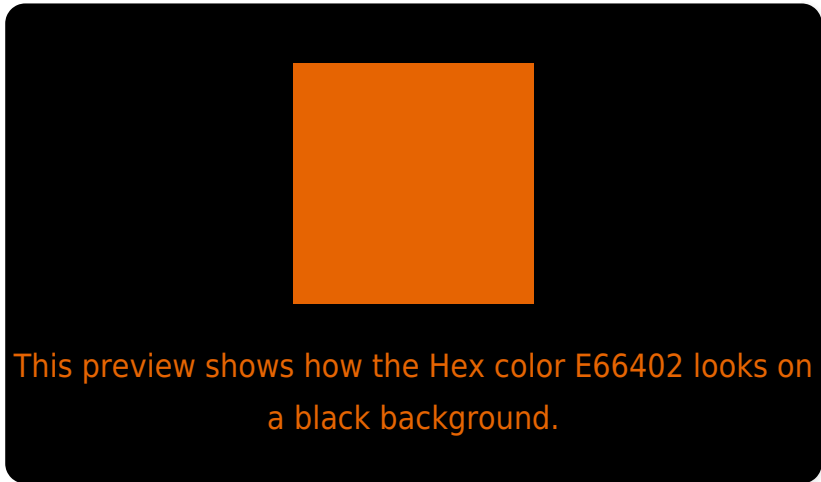
Large Text (above 18pt) WCAG AA ✓ Pass

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 E66402 Background



This preview shows how black text looks on a background with the Hex color E66402.



This preview shows how white text looks on a background with the Hex color E66402.

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
E66402

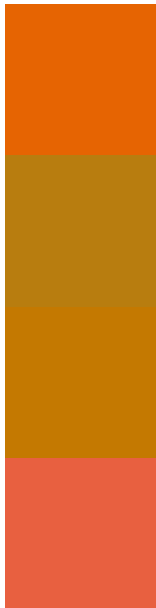
Protanopia
9E8C16

Deuteranopia
B18500



Tritanopia
E95D63

Trichromacy



Original Color
E66402

Protanomaly
B87D0F

Deuteranomaly
C47901

Tritanomaly
E86040

Monochromacy



Original Color
E66402

Achromatopsia
808080

Achromatomaly
A57652

CSS Examples

Text

The CSS property to change the color of the text to Hex E66402 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 #E66402 looks like.

```
.text, #text, p{  
    color:#E66402  
}
```

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 #E66402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E66402
}
```

Border

The CSS property to change the border of an element to Hex E66402 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
#E66402 }
```

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

```
.border{ border-color:#E66402 }
```

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

Here you see how a box with a 4 pixel #E66402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E66402; -webkit-box-shadow:4px 4px  
4px 4px #E66402; box-shadow:4px 4px 4px  
4px #E66402 }
```

Background

The CSS property to change the background color of an element to Hex E66402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E66402 }
```

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

```
.background{ background-color:#E66402 }
```

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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