

Converting Colors

Hex(E60C00)

Have a look what the booklet for
Hex(E60C00) contains.

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Color

Hex(E60C00)

Conversions

Conversions Part 1

Format	Color
Hex	E60C00
RGB	230, 12, 0
RGB Percent	90%, 5%, 0%
CMY	0.0980, 0.9529, 1.0000
CMYK	0.00, 0.95, 1.00, 0.10
HSL	3°, 100%, 45%
HSV	3°, 100%, 90%
XYZ	32.7646, 17.0859, 1.5710
YIQ	75.8140, 133.7800, 42.4840

Conversions

Conversions Part 2

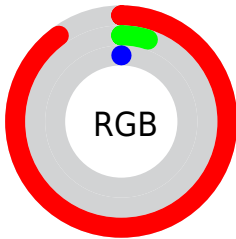
Format	Color
RYB	230, 13, 0
Decimal	15076352
CIELab	48.37, 73.14, 62.29
CIElCh	48, 96.066, 40.421
Yxy	17.0859, 0.6372, 0.3323
Android (android.graphics.Color)	4293266432 (0xFFE60C00)
YUV	75.8140, -37.3763, 135.2211
Hunter-Lab	41.3351, 69.1528, 26.6812

Details

The Hex color **E60C00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00DAE6**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5E38**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E60C00**, and if you desaturate by 10%, it is **E62217**.

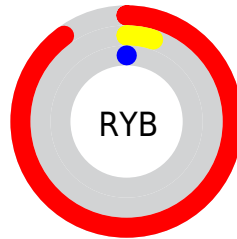
Distribution



Red (90%)

Green (5%)

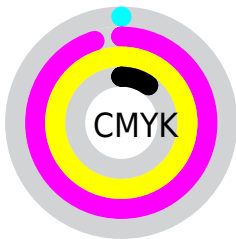
Blue (0%)



Red (90%)

Yellow (5%)

Blue (0%)

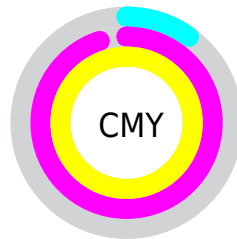


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E60C00 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 E60C00 by changing the saturation by 10% instead.

 E60C00

 E60C00

 FFFFF4

 C50000

 FF5E38

 A40000

 FF7C51

 830000

 FF9A6B

 630002

 FFB785

 460003

 FFD5A0

 250001

 FFF3BB

 000000

 FFFFDD

 E60C00

 E62217

 E6382E

 E64D45

 E6635C

 E67973

 E68F8A

 E6A5A1

 E6BAB8

 E6D0CF

Harmonies

Analogous

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



F9005B



E60C00



B65A00

Triad

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



E60C00



008F37



0076FF

Complementary

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



E60C00



00DAE6

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.



008BFF



E6C00



00928E

Square

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



E60C00



008800



0092DC



9049F1

Rectangle

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



E60C00



8B7100



0092DC



007FFF

Sweetspot

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



E60C00



FFB6B3



E600DB



805452



000000



808080

Same Dimension

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



E60C00



FF0D00



E67E00



736867



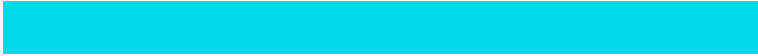
B30900



330300

Inverse Universe

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



00DAE6



00F2FF



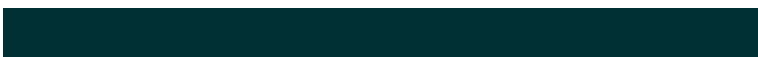
0068E6



677273



00A9B3



003033

Previews

White Background



This preview shows how the Hex color E60C00 looks on a white background.

Color Contrast Check

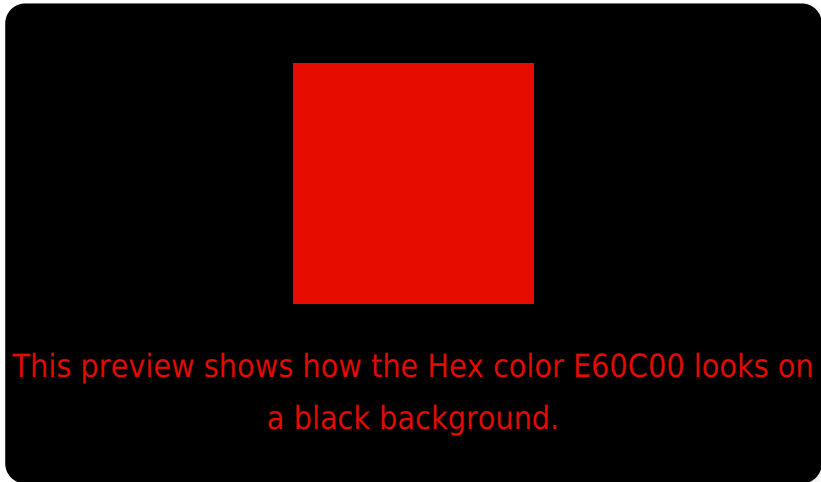
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex E60C00 Background



This preview shows how black text looks on a background with the Hex color E60C00.



This preview shows how white text looks on a background with the Hex color E60C00.

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
E60C00

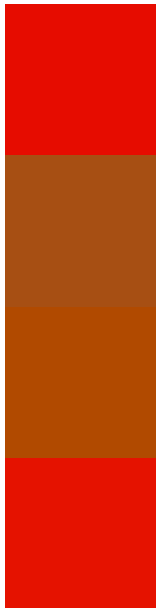
Protanopia
83751E

Deuteranopia
926E00



Tritanopia
E51500

Trichromacy



Original Color
E60C00

Protanomaly
A74F13

Deuteranomaly
B14A00

Tritanomaly
E51200

Monochromacy



Original Color
E60C00

Achromatopsia
4C4C4C

Achromatomaly
843530

CSS Examples

Text

The CSS property to change the color of the text to Hex E60C00 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 #E60C00 looks like.

```
.text, #text, p{  
    color:#E60C00  
}
```

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 #E60C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E60C00
}
```

Border

The CSS property to change the border of an element to Hex E60C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

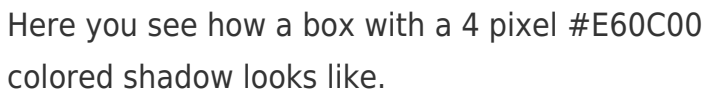
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E60C00 }
```

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

```
.border{ border-color:#E60C00 }
```

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



Here you see how a box with a 4 pixel `#E60C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E60C00; -webkit-box-shadow:4px 4px  
4px 4px #E60C00; box-shadow:4px 4px 4px  
4px #E60C00 }
```

Background

The CSS property to change the background color of an element to Hex E60C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E60C00 }
```

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

```
.background{ background-color:#E60C00 }
```

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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