

Converting Colors

Hex(E30D00)

Have a look what the booklet for
Hex(E30D00) contains.

Hex(E30D00)	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(E30D00)

Conversions

Conversions Part 1

Format	Color
Hex	E30D00
RGB	227, 13, 0
RGB Percent	89%, 5%, 0%
CMY	0.1098, 0.9490, 1.0000
CMYK	0.00, 0.94, 1.00, 0.11
HSL	3°, 100%, 45%
HSV	3°, 100%, 89%
XYZ	31.8225, 16.6187, 1.5305
YIQ	75.5040, 131.7170, 41.3250

Conversions

Conversions Part 2

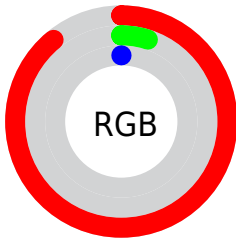
Format	Color
R_{YB}	227, 14, 0
Decimal	14880000
CIE Lab	47.78, 72.29, 61.69
CIE LCh	48, 95.038, 40.475
Yxy	16.6187, 0.6368, 0.3326
Android (android.graphics.Color)	4293070080 (0xFFE30D00)
YUV	75.5040, -37.2235, 132.8620
Hunter-Lab	40.7661, 67.9985, 26.3103

Details

The Hex color **E30D00** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00D6E3**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5D38**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E30D00**, and if you desaturate by 10%, it is **E32217**.

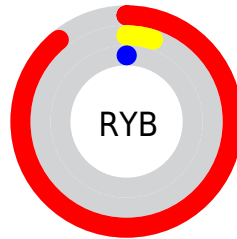
Distribution



Red (89%)

Green (5%)

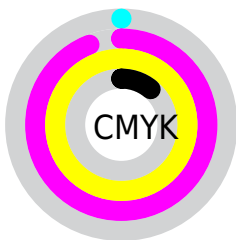
Blue (0%)



Red (89%)

Yellow (5%)

Blue (0%)

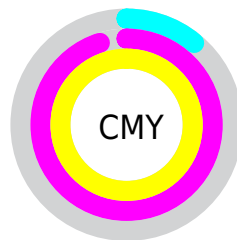


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E30D00 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 E30D00 by changing the saturation by 10% instead.

 E30D00

 E30D00

 FFFFF4

 C20000

 FF5D38

 A10000

 FF7B51

 800000

 FF996A

 610002

 FFB785

 430003

 FFD49F

 210001

 FFF2BB

 000000

 FFFFD7

 E30D00

 E32217

 E3382D

 E34D44

 E3635B

 E37872

 E38D88

 E3A39F

 E3B8B6

 E3CECC

Harmonies

Analogous

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



F6005A



E30D00



B45900

Triad

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



E30D00



008D37



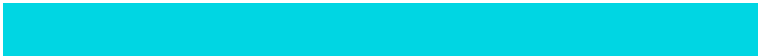
0074FF

Complementary

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



E30D00



00D6E3

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.



0089FF



E30D00



00908D

Square

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



E30D00



008700



0090D9



8F48EE

Rectangle

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



E30D00



896F00



0090D9



007DFF

Sweetspot

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



E30D00



FFB7B3



E300D8



805452



000000



808080

Same Dimension

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



E30D00



FF0F00



E37D00



736867



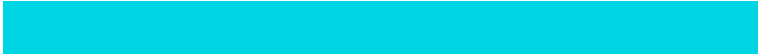
B30A00



330300

Inverse Universe

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



00D6E3



00F0FF



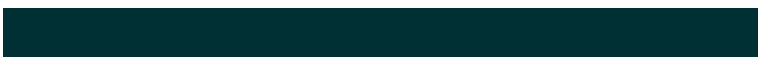
0066E3



677273



00A8B3



003033

Previews

White Background



This preview shows how the Hex color E30D00 looks on a white background.

Color Contrast Check

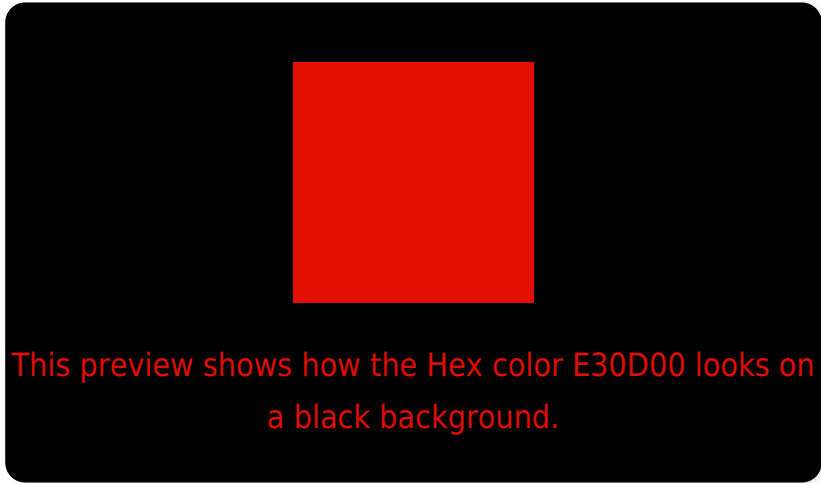
Large Text (above 18pt) WCAG AA ✓ Pass

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 E30D00 Background



This preview shows how black text looks on a background with the Hex color E30D00.



This preview shows how white text looks on a background with the Hex color E30D00.

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
E30D00

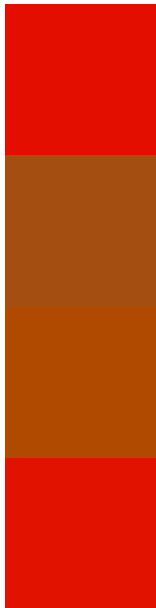
Protanopia
81731D

Deuteranopia
916D00



Tritanopia
E21500

Trichromacy



Original Color
E30D00

Protanomaly
A54E12

Deuteranomaly
AF4A00

Tritanomaly
E21200

Monochromacy



Original Color
E30D00

Achromatopsia
4C4C4C

Achromatomaly
833530

CSS Examples

Text

The CSS property to change the color of the text to Hex E30D00 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 #E30D00 looks like.

```
.text, #text, p{  
    color:#E30D00  
}
```

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 #E30D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30D00
}
```

Border

The CSS property to change the border of an element to Hex E30D00 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".

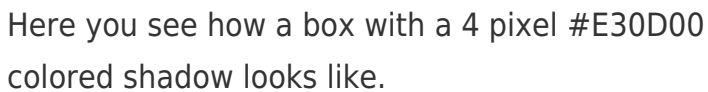
```
.border, #border, table{ border:4px solid
#E30D00 }
```

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

```
.border{ border-color:#E30D00 }
```

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

Here you see how a box with a 4 pixel #E30D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30D00; -webkit-box-shadow:4px 4px  
4px 4px #E30D00; box-shadow:4px 4px 4px  
4px #E30D00 }
```

Background

The CSS property to change the background color of an element to Hex E30D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30D00 }
```

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

```
.background{ background-color:#E30D00 }
```

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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