

Converting Colors

Hex(E30000)

Have a look what the booklet for
Hex(E30000) contains.

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Color

Hex(E30000)

Conversions

Conversions Part 1

Format	Color
Hex	E30000
RGB	227, 0, 0
RGB Percent	89%, 0%, 0%
CMY	0.1098, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.11
HSL	0°, 100%, 45%
HSV	0°, 100%, 89%
XYZ	31.6786, 16.3309, 1.4825
YIQ	67.8730, 135.2920, 48.1240

Conversions

Conversions Part 2

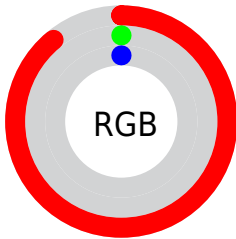
Format	Color
R_{YB}	227, 0, 0
Decimal	14876672
CIE _{Lab}	47.41, 73.37, 61.56
CIE _{LCh}	47, 95.774, 40.000
Yxy	16.3309, 0.6401, 0.3300
Android (android.graphics.Color)	4293066752 (0xFFE30000)
YUV	67.8730, -33.4614, 139.5544
Hunter-Lab	40.4115, 69.2059, 26.1129

Details

The Hex color **E30000** 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 **00E3E3**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5A37**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E30000**, and if you desaturate by 10%, it is **E31717**.

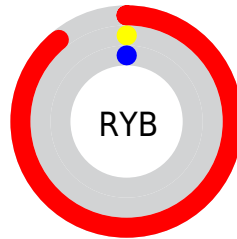
Distribution



Red (89%)

Green (0%)

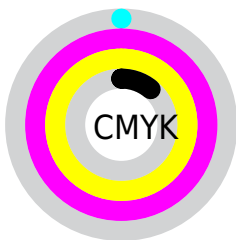
Blue (0%)



Red (89%)

Yellow (0%)

Blue (0%)

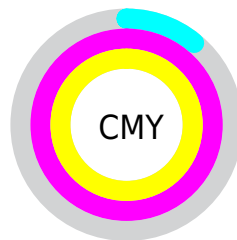


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E30000 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 E30000 by changing the saturation by 10% instead.

 E30000

 E30000

 FFFFF3

 C20000

 FF5A37

 A10000

 FF7950

 800000

 FF976A

 600002

 FFB484

 430003

 FFD29F

 210001

 FFF0BA

 000000

 FFFFDD

 E30000

 E31717

 E32D2D

 E34444

 E35B5B

 E37272

 E38888

 E39F9F

 E3B6B6

 E3CCCC

Harmonies

Analogous

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



F6005A



E30000



B45700

Triad

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



E30000



008C34



0074FF

Complementary

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



E30000



00E3E3

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



E30000



008F8B

Square

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



E30000



008600



008FD8



8C48EF

Rectangle

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



E30000



896E00



008FD8



007DFF

Sweetspot

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



E30000



FFB3B3



E300E3



805252



000000



808080

Same Dimension

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



E30000



FF0000



E37200



736767



B30000



330000

Inverse Universe

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



00E3E3



00FFFF



0072E3



677373



00B3B3



003333

Previews

White Background



This preview shows how the Hex color E30000 looks on a white background.

Color Contrast Check

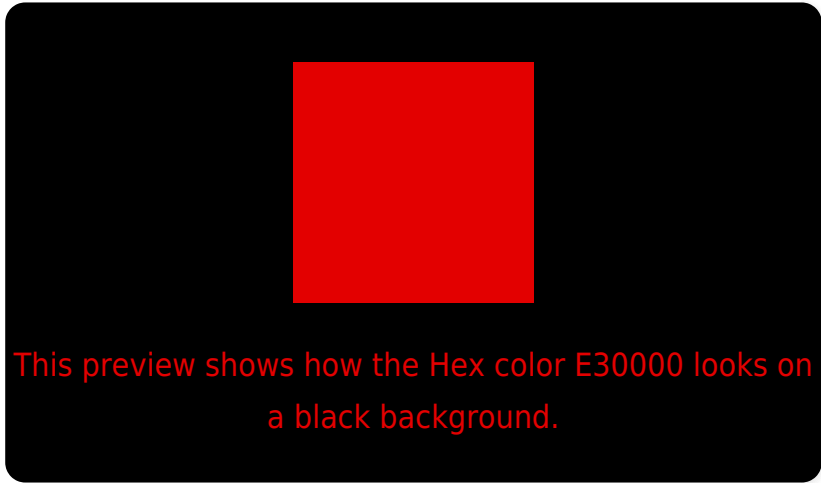
Large Text (above 18pt) WCAG AA ✓ Pass

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 E30000 Background



This preview shows how black text looks on a background with the Hex color E30000.



This preview shows how white text looks on a background with the Hex color E30000.

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
E30000

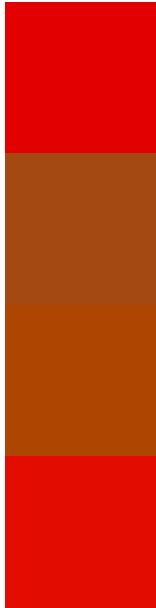
Protanopia
81731D

Deuteranopia
906D00



Tritanopia
E11500

Trichromacy



Original Color
E30000

Protanomaly
A54912

Deuteranomaly
AE4500

Tritanomaly
E20D00

Monochromacy



Original Color
E30000

Achromatopsia
444444

Achromatomaly
7E2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex E30000 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 #E30000 looks like.

```
.text, #text, p{  
    color:#E30000  
}
```

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 #E30000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30000
}
```

Border

The CSS property to change the border of an element to Hex E30000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

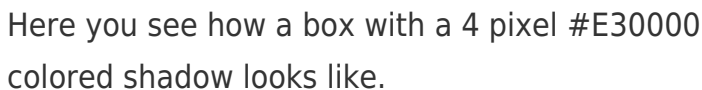
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E30000 }
```

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

```
.border{ border-color:#E30000 }
```

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



Here you see how a box with a 4 pixel #E30000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30000; -webkit-box-shadow:4px 4px  
4px 4px #E30000; box-shadow:4px 4px 4px  
4px #E30000 }
```

Background

The CSS property to change the background color of an element to Hex E30000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30000 }
```

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

```
.background{ background-color:#E30000 }
```

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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