

Converting Colors

Hex(E30014)

Have a look what the booklet for
Hex(E30014) contains.

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Color

Hex(E30014)

Conversions

Conversions Part 1

Format	Color
Hex	E30014
RGB	227, 0, 20
RGB Percent	89%, 0%, 8%
CMY	0.1098, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.91, 0.11
HSL	355°, 100%, 45%
HSV	355°, 100%, 89%
XYZ	31.8048, 16.3814, 2.1474
YIQ	70.1530, 128.8720, 54.3440

Conversions

Conversions Part 2

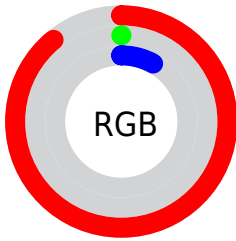
Format	Color
RYB	227, 0, 20
Decimal	14876692
CIELab	47.47, 73.55, 55.40
CIELCh	47, 92.074, 36.988
Yxy	16.3814, 0.6319, 0.3255
Android (android.graphics.Color)	4293066772 (0xFFE30014)
YUV	70.1530, -24.7254, 137.5548
Hunter-Lab	40.4739, 69.4376, 25.1860

Details

The Hex color **E30014** 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 **00E3CF**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5A44**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E30014**, and if you desaturate by 10%, it is **E31729**.

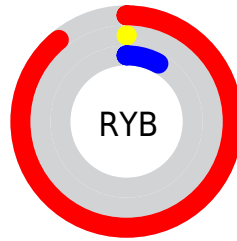
Distribution



Red (89%)

Green (0%)

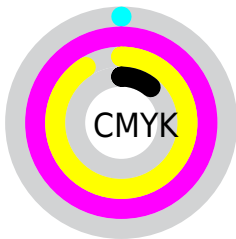
Blue (8%)



Red (89%)

Yellow (0%)

Blue (8%)

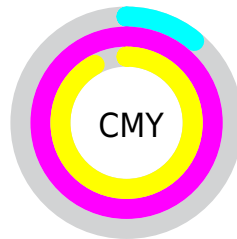


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color E30014 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 E30014 by changing the saturation by 10% instead.

 E30014

 E30014

FFFFFF

 C20000

 FF5A44

 A10000

 FF795D

 810000

 FF9776

 610002

 FFB491

 430003

 FFD2AC

 210001

 FFF0C7

 000000

 FFFFE4

 E30014

 E31729

 E32D3D

 E34452

 E35B67

 E3727B

 E38890

 E39FA5

 E3B6BA

 E3CCCE

Harmonies

Analogous

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



F10063



E30014



B85400

Triad

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



E30014



008B2D



0077FF

Complementary

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



E30014



00E3CF

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



E30014



008F82

Square

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



E30014



048400



008FCE



7E50EF

Rectangle

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



E30014



906B00



008FCE



007EFF

Sweetspot

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



E30014



FFB3B9



CC00E3



805256



000000



808080

Same Dimension

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



E30014



FF0016



E35B00



736768



B30010



330004

Inverse Universe

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



E30014



FF0016



0088E3



736768



B30010



330004

Previews

White Background



This preview shows how the Hex color E30014 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 E30014 Background



This preview shows how black text looks on a background with the Hex color E30014.



This preview shows how white text looks on a background with the Hex color E30014.

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
E30014

Protanopia
807328

Deuteranopia
916D00



Tritanopia
E11500

Trichromacy



Original Color
E30014



Protanomaly
A44921



Deuteranomaly
AF4507



Tritanomaly
E20D07

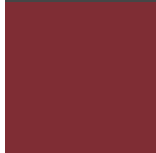
Monochromacy



Original Color
E30014



Achromatopsia
464646



Achromatomaly
7F2D34

CSS Examples

Text

The CSS property to change the color of the text to Hex E30014 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 #E30014 looks like.

```
.text, #text, p{  
    color:#E30014  
}
```

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 #E30014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30014
}
```

Border

The CSS property to change the border of an element to Hex E30014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

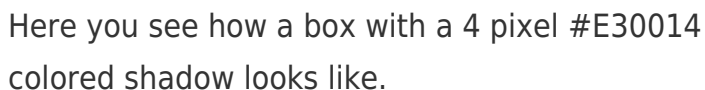
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E30014 }
```

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

```
.border{ border-color:#E30014 }
```

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



Here you see how a box with a 4 pixel #E30014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30014; -webkit-box-shadow:4px 4px  
4px 4px #E30014; box-shadow:4px 4px 4px  
4px #E30014 }
```

Background

The CSS property to change the background color of an element to Hex E30014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30014 }
```

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

```
.background{ background-color:#E30014 }
```

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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