

Converting Colors

Hex(E80008)

Have a look what the booklet for
Hex(E80008) contains.

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Color

Hex(E80008)

Conversions

Conversions Part 1

Format	Color
Hex	E80008
RGB	232, 0, 8
RGB Percent	91%, 0%, 3%
CMY	0.0902, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.97, 0.09
HSL	358°, 100%, 45%
HSV	358°, 100%, 91%
XYZ	33.3225, 17.1733, 1.7882
YIQ	70.2800, 135.7040, 51.6720

Conversions

Conversions Part 2

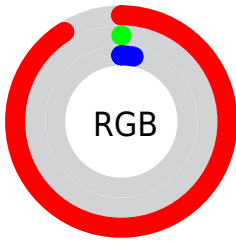
Format	Color
RYB	232, 0, 8
Decimal	15204360
CIELab	48.48, 74.64, 60.33
CIELCh	48, 95.975, 38.948
Yxy	17.1733, 0.6373, 0.3285
Android (android.graphics.Color)	4293394440 (0xFFE80008)
YUV	70.2800, -30.7040, 141.8284
Hunter-Lab	41.4407, 71.0108, 26.4501

Details

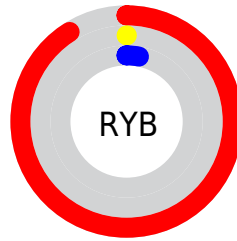
The Hex color **E80008** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00E8E0**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5B3D**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E80008**, and if you desaturate by 10%, it is **E8171E**.

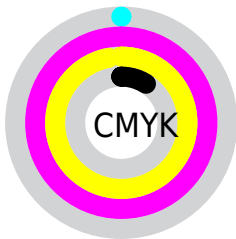
Distribution



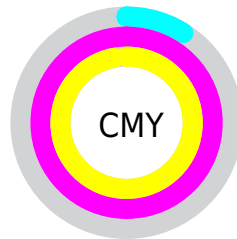
- Red (91%)
- Green (0%)
- Blue (3%)



- Red (91%)
- Yellow (0%)
- Blue (3%)



- Cyan (0%)
- Magenta (100%)
- Yellow (97%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80008 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 E80008 by changing the saturation by 10% instead.

 E80008

 E80008

 FFFFFFF9

 C70000

 FF5B3D

 A60000

 FF7A56

 850000

 FF986F

 650002

 FFB689

 470004

 FFD4A4

 260001

 FFF2C0

 000000

 FFFFDC

 E80008

 E8171E

 E82E35

 E8464B

 E85D62

 E87478

 E88B8E

 E8A2A5

 E8BABB

 E8D1D2

Harmonies

Analogous

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



F9005F



E80008



B95800

Triad

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



E80008



008F33



0078FF

Complementary

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



E80008



00E8E0

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.



008CFF



E80008



00928A

Square

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



E80008



008800



0092D9



8A4DF4

Rectangle

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



E80008



8F7000



0092D9



0080FF

Sweetspot

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



E80008



FFB3B5



DC00E8



805253



000000



808080

Same Dimension

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



E80008



FF0009



E86800



736768



B30006



330002

Inverse Universe

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



E80008



FF0009



0080E8



736768



B30006



330002

Previews

White Background



This preview shows how the Hex color E80008 looks on a white background.

Color Contrast Check

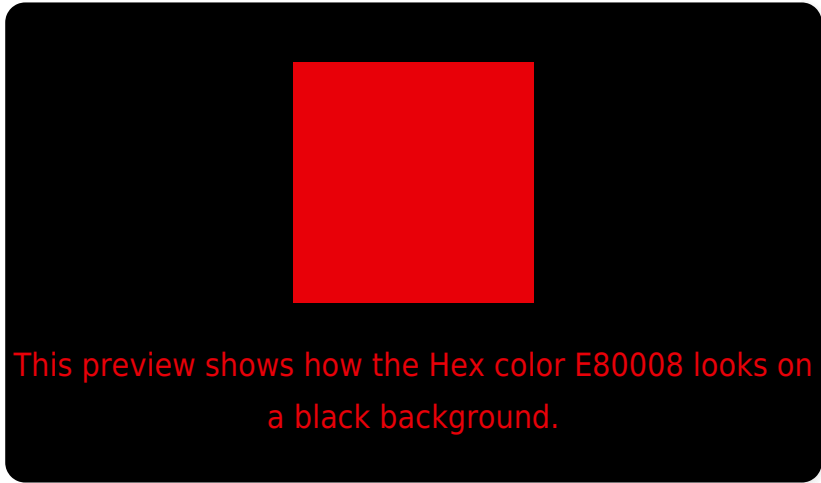
Large Text (above 18pt) WCAG AA ✓ Pass

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 E80008 Background



This preview shows how black text looks on a background with the Hex color E80008.



This preview shows how white text looks on a background with the Hex color E80008.

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
E80008

Protanopia
837520

Deuteranopia
936F00



Tritanopia
E61500

Trichromacy



Original Color
E80008



Protanomaly
A84A17



Deuteranomaly
B24703



Tritanomaly
E70D03

Monochromacy



Original Color
E80008



Achromatopsia
464646



Achromatomaly
812D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex E80008 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 #E80008 looks like.

```
.text, #text, p{  
    color:#E80008  
}
```

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 #E80008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80008
}
```

Border

The CSS property to change the border of an element to Hex E80008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

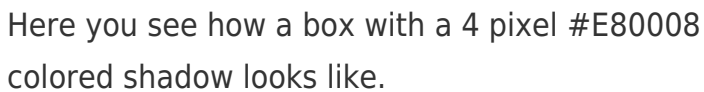
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E80008 }
```

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

```
.border{ border-color:#E80008 }
```

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



Here you see how a box with a 4 pixel #E80008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80008; -webkit-box-shadow:4px 4px  
4px 4px #E80008; box-shadow:4px 4px 4px  
4px #E80008 }
```

Background

The CSS property to change the background color of an element to Hex E80008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80008 }
```

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

```
.background{ background-color:#E80008 }
```

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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