

Converting Colors

Hex(E80028)

Have a look what the booklet for
Hex(E80028) contains.

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Color

Hex(E80028)

Conversions

Conversions Part 1

Format	Color
Hex	E80028
RGB	232, 0, 40
RGB Percent	91%, 0%, 16%
CMY	0.0902, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.83, 0.09
HSL	350°, 100%, 45%
HSV	350°, 100%, 91%
XYZ	33.6617, 17.3090, 3.5743
YIQ	73.9280, 125.4320, 61.6240

Conversions

Conversions Part 2

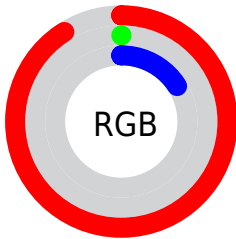
Format	Color
RYB	232, 0, 40
Decimal	15204392
CIELab	48.65, 75.10, 47.42
CIELCh	49, 88.823, 32.269
Yxy	17.3090, 0.6171, 0.3173
Android (android.graphics.Color)	4293394472 (0xFFE80028)
YUV	73.9280, -16.7265, 138.6291
Hunter-Lab	41.6041, 71.6165, 24.0292

Details

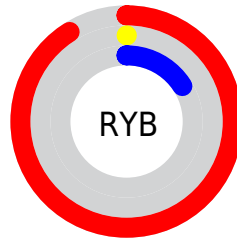
The Hex color **E80028** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00E8C0**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5C57**, and **A60000** is the 20% darker color. If you saturate the color by 10%, you get **E80028**, and if you desaturate by 10%, it is **E8173B**.

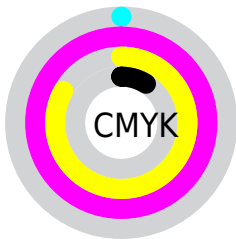
Distribution



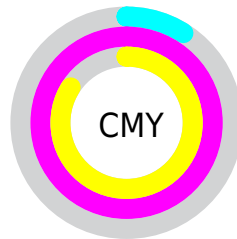
- Red (91%)
- Green (0%)
- Blue (16%)



- Red (91%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80028 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 E80028 by changing the saturation by 10% instead.

 E80028

 E80028

FFFFFFF

 C70012

 FF5C57

 A60000

 FF7B6F

 860000

 FF9989

 660002

 FFB7A4

 480004

 FFD5BF

 270001

 FFF3DB

 000000

 FFFFF7

 E80028

 E8173B

 E82E4E

 E84662

 E85D75

 E87488

 E88B9B

 E8A2AE

 E8BAC2

 E8D1D5

Harmonies

Analogous

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



F0071



E8028



C25200

Triad

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



E80028



008D24



007DFF

Complementary

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



E80028



00E8C0

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.



008DFA



E80028



009178

Square

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



E80028



358500



0091C3



6B5CF5

Rectangle

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



E80028



9D6A00



0091C3



0084FF

Sweetspot

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



E80028



FFB3C0



BD00E8



80525A



000000



808080

Same Dimension

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



E80028



FF002C



E84900



736769



B3001F



330009

Inverse Universe

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



E80028



FF002C



009FE8



736769



B3001F



330009

Previews

White Background



This preview shows how the Hex color E80028 looks on a white background.

Color Contrast Check

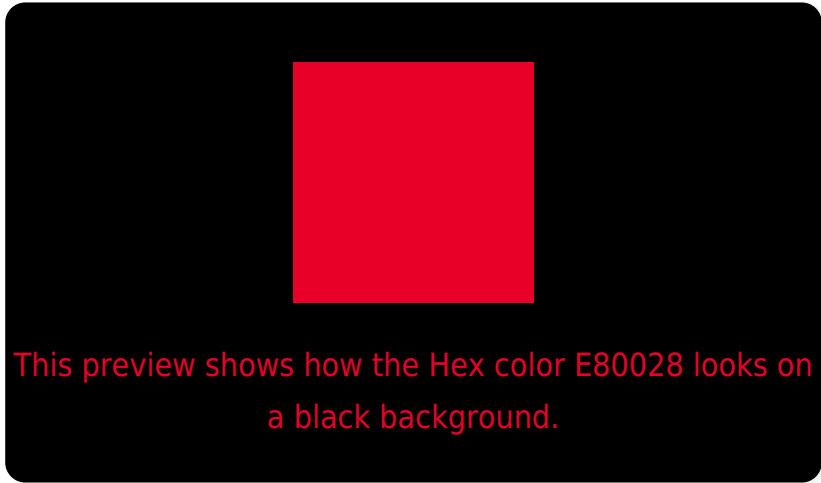
Large Text (above 18pt) WCAG AA ✓ Pass

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 E8028 Background



This preview shows how black text looks on a background with the Hex color E8028.



This preview shows how white text looks on a background with the Hex color E8028.

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
E80028

Protanopia
817540

Deuteranopia
946F11



Tritanopia
E71500

Trichromacy



Original Color
E80028



Protanomaly
A64A37



Deuteranomaly
B34719



Tritanomaly
E70D0F

Monochromacy



Original Color
E80028



Achromatopsia
4A4A4A



Achromatomaly
832F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex E80028 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 #E80028 looks like.

```
.text, #text, p{  
    color:#E80028  
}
```

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 #E80028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80028  
}
```

Border

The CSS property to change the border of an element to Hex E80028 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  
#E80028 }
```

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

```
.border{ border-color:#E80028 }
```

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

Here you see how a box with a 4 pixel #E80028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80028; -webkit-box-shadow:4px 4px  
4px 4px #E80028; box-shadow:4px 4px 4px  
4px #E80028 }
```

Background

The CSS property to change the background color of an element to Hex E80028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80028 }
```

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

```
.background{ background-color:#E80028 }
```

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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