

Converting Colors

Hex(E70020)

Have a look what the booklet for
Hex(E70020) contains.

Hex(E70020)	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(E70020)

Conversions

Conversions Part 1

Format	Color
Hex	E70020
RGB	231, 0, 32
RGB Percent	91%, 0%, 13%
CMY	0.0941, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.86, 0.09
HSL	352°, 100%, 45%
HSV	352°, 100%, 91%
XYZ	33.2157, 17.0932, 2.9152
YIQ	72.7170, 127.4040, 58.9240

Conversions

Conversions Part 2

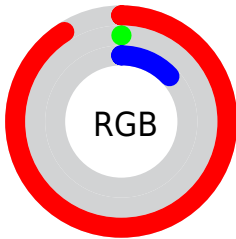
Format	Color
RYB	231, 0, 32
Decimal	15138848
CIELab	48.38, 74.70, 51.16
CIELCh	48, 90.540, 34.409
Yxy	17.0932, 0.6241, 0.3212
Android (android.graphics.Color)	4293328928 (0xFFE70020)
YUV	72.7170, -20.0735, 138.8142
Hunter-Lab	41.3439, 71.0550, 24.7602

Details

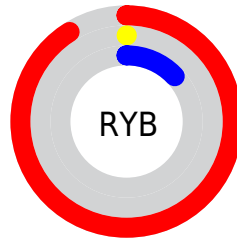
The Hex color **E70020** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00E7C7**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5C4F**, and **A50000** is the 20% darker color. If you saturate the color by 10%, you get **E70020**, and if you desaturate by 10%, it is **E71734**.

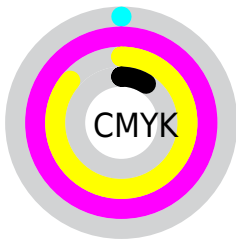
Distribution



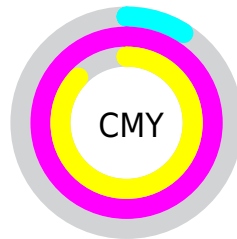
- Red (91%)
- Green (0%)
- Blue (13%)



- Red (91%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70020 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 E70020 by changing the saturation by 10% instead.

 E70020

 E70020

FFFFFF

 C60009

 FF5C4F

 A50000

 FF7A68

 850000

 FF9881

 650002

 FFB69B

 470004

 FFD4B7

 260001

 FFF2D2

 000000

 FFFFEF

 E70020

 E71734

 E72E48

 E7455C

 E75C70

 E77484

 E78B97

 E7A2AB

 E7B9BF

 E7D0D3

Harmonies

Analogous

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



F2006B



E70020



BF5300

Triad

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



E70020



008D29



007BFF

Complementary

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



E70020



00E7C7

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



E70020



00917D

Square

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



E70020



278500



0091C9



7557F4

Rectangle

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



E70020



986B00



0091C9



0082FF

Sweetspot

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



E70020



FFB3BD



C400E7



805258



000000



808080

Same Dimension

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



E70020



FF0023



E75100



736769



B30019



330007

Inverse Universe

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



E70020



FF0023



0096E7



736769



B30019



330007

Previews

White Background



This preview shows how the Hex color E70020 looks on a white background.

Color Contrast Check

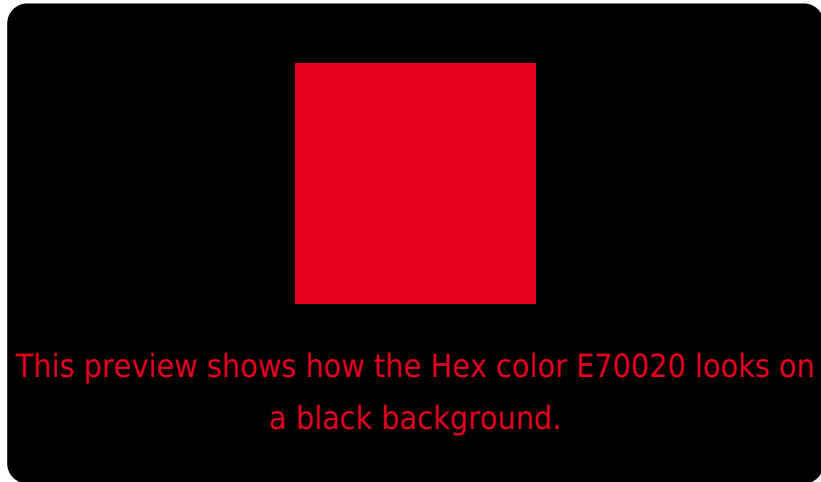
Large Text (above 18pt) WCAG AA ✓ Pass

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 E70020 Background



This preview shows how black text looks on a background with the Hex color E70020.



This preview shows how white text looks on a background with the Hex color E70020.

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
E70020

Protanopia
827536

Deuteranopia
946F00



Tritanopia
E61500

Trichromacy



Original Color
E70020



Protanomaly
A74A2E



Deuteranomaly
B2470C



Tritanomaly
E60D0C

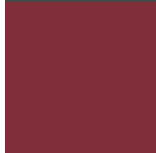
Monochromacy



Original Color
E70020



Achromatopsia
494949



Achromatomaly
822E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex E70020 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 #E70020 looks like.

```
.text, #text, p{  
    color:#E70020  
}
```

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 #E70020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70020
}
```

Border

The CSS property to change the border of an element to Hex E70020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

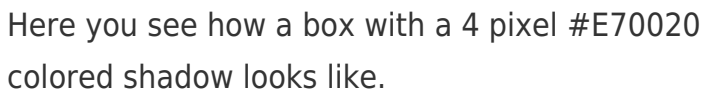
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E70020 }
```

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

```
.border{ border-color:#E70020 }
```

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



Here you see how a box with a 4 pixel `#E70020` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70020; -webkit-box-shadow:4px 4px  
4px 4px #E70020; box-shadow:4px 4px 4px  
4px #E70020 }
```

Background

The CSS property to change the background color of an element to Hex E70020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70020 }
```

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

```
.background{ background-color:#E70020 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor