

Converting Colors

Hex(E50020)

Have a look what the booklet for
Hex(E50020) contains.

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Color

Hex(E50020)

Conversions

Conversions Part 1

Format	Color
Hex	E50020
RGB	229, 0, 32
RGB Percent	90%, 0%, 13%
CMY	0.1020, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.86, 0.10
HSL	352°, 100%, 45%
HSV	352°, 100%, 90%
XYZ	32.5738, 16.7623, 2.8851
YIQ	72.1190, 126.2120, 58.5000

Conversions

Conversions Part 2

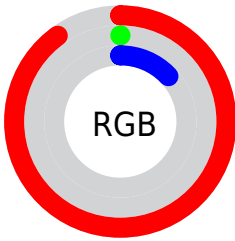
Format	Color
R_{YB}	229, 0, 32
Decimal	15007776
CIE _{Lab}	47.96, 74.22, 50.65
CIE _{LCh}	48, 89.852, 34.312
Yxy	16.7623, 0.6238, 0.3210
Android (android.graphics.Color)	4293197856 (0xFFE50020)
YUV	72.1190, -19.7787, 137.5846
Hunter-Lab	40.9418, 70.3688, 24.4812

Details

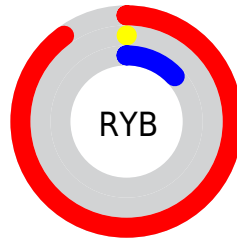
The Hex color **E50020** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00E5C5**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5B4F**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E50020**, and if you desaturate by 10%, it is **E51734**.

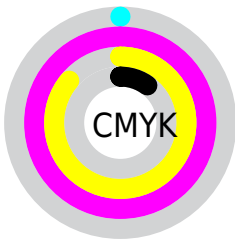
Distribution



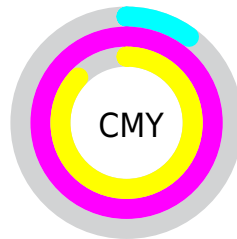
- Red (90%)
- Green (0%)
- Blue (13%)



- Red (90%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E50020 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 E50020 by changing the saturation by 10% instead.

 E50020

 E50020

FFFFFF

 C40009

 FF5B4F

 A30000

 FF7A67

 830000

 FF9881

 630002

 FFB59B

 450003

 FFD3B6

 240001

 FFF1D2

 000000

 FFFFEE

 E50020

 E51734

 E52E47

 E5455B

 E55C6F

 E57383

 E58996

 E5A0AA

 E5B7BE

 E5CED1

Harmonies

Analogous

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



F0006B



E50020



BD5200

Triad

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



E50020



008C28



007AFF

Complementary

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



E50020



00E5C5

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.



008BFC



E50020



008F7B

Square

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



E50020



278400



0090C7



7356F2

Rectangle

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



E50020



976A00



0090C7



0081FF

Sweetspot

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



E50020



FFB3BD



C300E5



805258



000000



808080

Same Dimension

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



E50020



FF0024



E55000



736769



B30019



330007

Inverse Universe

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



E50020



FF0024



0095E5



736769



B30019



330007

Previews

White Background



This preview shows how the Hex color E50020 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 E50020 Background



This preview shows how black text looks on a background with the Hex color E50020.



This preview shows how white text looks on a background with the Hex color E50020.

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
E50020

Protanopia
807435

Deuteranopia
926E00



Tritanopia
E41500

Trichromacy



Original Color
E50020



Protanomaly
A54A2D



Deuteranomaly
B0460C



Tritanomaly
E40D0C

Monochromacy



Original Color
E50020



Achromatopsia
484848



Achromatomaly
812E39

CSS Examples

Text

The CSS property to change the color of the text to Hex E50020 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 #E50020 looks like.

```
.text, #text, p{  
    color:#E50020  
}
```

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 #E50020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50020
}
```

Border

The CSS property to change the border of an element to Hex E50020 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
#E50020 }
```

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

```
.border{ border-color:#E50020 }
```

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

Here you see how a box with a 4 pixel #E50020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50020; -webkit-box-shadow:4px 4px  
4px 4px #E50020; box-shadow:4px 4px 4px  
4px #E50020 }
```

Background

The CSS property to change the background color of an element to Hex E50020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50020 }
```

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

```
.background{ background-color:#E50020 }
```

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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