

Converting Colors

Hex(E5002A)

Have a look what the booklet for
Hex(E5002A) contains.

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Color

Hex(E5002A)

Conversions

Conversions Part 1

Format	Color
Hex	E5002A
RGB	229, 0, 42
RGB Percent	90%, 0%, 16%
CMY	0.1020, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.82, 0.10
HSL	349°, 100%, 45%
HSV	349°, 100%, 90%
XYZ	32.7310, 16.8252, 3.7130
YIQ	73.2590, 123.0020, 61.6100

Conversions

Conversions Part 2

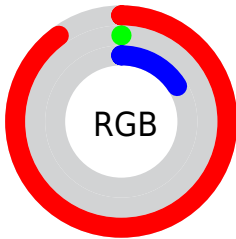
Format	Color
RYB	229, 0, 42
Decimal	15007786
CIELab	48.04, 74.43, 45.56
CIELCh	48, 87.268, 31.468
Yxy	16.8252, 0.6144, 0.3159
Android (android.graphics.Color)	4293197866 (0xFFE5002A)
YUV	73.2590, -15.4107, 136.5849
Hunter-Lab	41.0185, 70.6530, 23.3461

Details

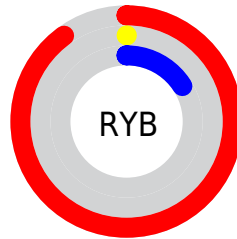
The Hex color **E5002A** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00E5BB**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5B58**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E5002A**, and if you desaturate by 10%, it is **E5173D**.

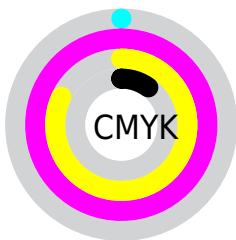
Distribution



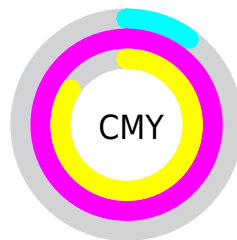
- Red (90%)
- Green (0%)
- Blue (16%)



- Red (90%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5002A 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 E5002A by changing the saturation by 10% instead.

 E5002A

 E5002A

FFFFFF

 C40014

 FF5B58

 A40000

 FF7A71

 830000

 FF988B

 630002

 FFB6A6

 460003

 FFD4C1

 250001

 FFF2DD

 000000

 FFFFF9

 E5002A

 E5173D

 E52E4F

 E54562

 E55C75

 E57388

 E5899A

 E5A0AD

 E5B7C0

 E5CED2

Harmonies

Analogous

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



EC0072



E5002A



C05000

Triad

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



E5002A



008B22



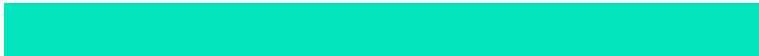
007CFF

Complementary

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



E5002A



00E5BB

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.



008BF5



E5002A



008F74

Square

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



E5002A



388300



008FBE



665CF2

Rectangle

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



E5002A



9D6800



008FBE



0082FF

Sweetspot

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



E5002A



FFB3C1



B700E5



80525A



000000



808080

Same Dimension

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



E5002A



FF002F



E54500



736769



B30021



330009

Inverse Universe

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



E5002A



FF002F



00A0E5



736769



B30021



330009

Previews

White Background



This preview shows how the Hex color E5002A looks on a white background.

Color Contrast Check

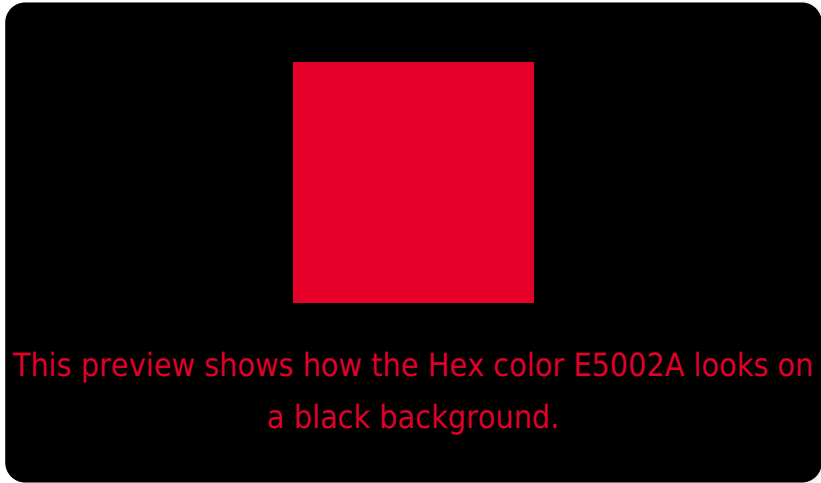
Large Text (above 18pt) WCAG AA ✓ Pass

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 E5002A Background



This preview shows how black text looks on a background with the Hex color E5002A.



This preview shows how white text looks on a background with the Hex color E5002A.

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
E5002A

Protanopia
7F7442

Deuteranopia
926E16



Tritanopia
E41400

Trichromacy



Original Color
E5002A



Protanomaly
A44A39



Deuteranomaly
B0461D



Tritanomaly
E40D0F

Monochromacy



Original Color
E5002A



Achromatopsia
494949



Achromatomaly
822E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex E5002A 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 #E5002A looks like.

```
.text, #text, p{  
    color:#E5002A  
}
```

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 #E5002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5002A
}
```

Border

The CSS property to change the border of an element to Hex E5002A 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".

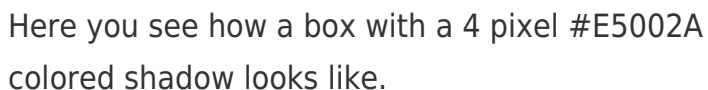
```
.border, #border, table{ border:4px solid
#E5002A }
```

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

```
.border{ border-color:#E5002A }
```

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

Here you see how a box with a 4 pixel #E5002A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5002A; -webkit-box-shadow:4px 4px  
4px 4px #E5002A; box-shadow:4px 4px 4px  
4px #E5002A }
```

Background

The CSS property to change the background color of an element to Hex E5002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5002A }
```

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

```
.background{ background-color:#E5002A }
```

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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