

# Converting Colors

Hex(E00326)

Have a look what the booklet for  
Hex(E00326) contains.

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**Color**

**Hex(E00326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E00326
RGB	224, 3, 38
RGB Percent	88%, 1%, 15%
CMY	0.1216, 0.9882, 0.8510
CMYK	0.00, 0.99, 0.83, 0.12
HSL	350°, 97%, 45%
HSV	350°, 99%, 88%
XYZ	31.1229, 16.0524, 3.2918
YIQ	73.0690, 120.4810, 57.7370

# Conversions

## Conversions Part 2

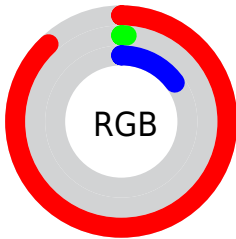
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 3, 38
Decimal	14680870
CIELab	47.04, 72.89, 46.39
CIELCh	47, 86.401, 32.474
Yxy	16.0524, 0.6167, 0.3181
Android (android.graphics.Color)	4292870950 (0xFFE00326)
YUV	73.0690, -17.2890, 132.3665
Hunter-Lab	40.0654, 68.5447, 23.1745

# Details

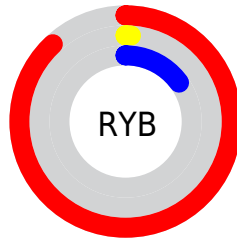
The Hex color **E00326** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **03E0BD**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5B54**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E00023**, and if you desaturate by 10%, it is **E01939**.

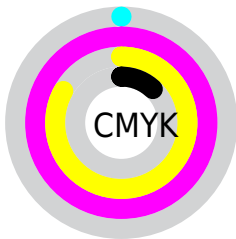
# Distribution



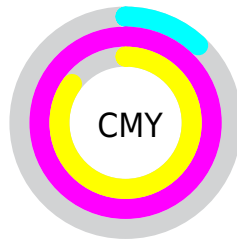
- Red (88%)
- Green (1%)
- Blue (15%)



- Red (88%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (99%)
- Yellow (83%)
- Black (12%)



- Cyan (12%)
- Magenta (99%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00326 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 E00326 by changing the saturation by 10% instead.



 E00326

 E00326

FFFFFF

 BF0010

 FF5B54

 9F0000

 FF796D

 7F0000

 FF9787

 5F0002

 FFB5A1

 410003

 FFD2BC

 1F0001

 FFF0D8

 000000

 FFFFF5

 E00326

 E00326

 E00023

 E01939

 E0304C

 E0465F

 E05D71

 E07384

 E08997

 E0A0AA

 E0B6BD

 E0CDD0

# Harmonies

## Analogous

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



E8006D



E00326



BB4F00

# Triad

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



E00326



008923



0078FF

# Complementary

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



E00326



03E0BD

# 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.



0088F2



E00326



008C74

# Square

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



E00326



328000



008CBD



6958EC

# Rectangle

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



E0326



986600



008CBD



007FFF



# Sweetspot

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



E00326



FFB3BF



BB03E0



805259



000000



808080



# Same Dimension

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



E0326



FF028



E04D3



70657



B001C



30008



# Inverse Universe

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



E00326



FF0028



0396E0



706567



B0001C



300008



# Previews

## White Background



This preview shows how the Hex color E00326 looks on a white background.

## Color Contrast Check

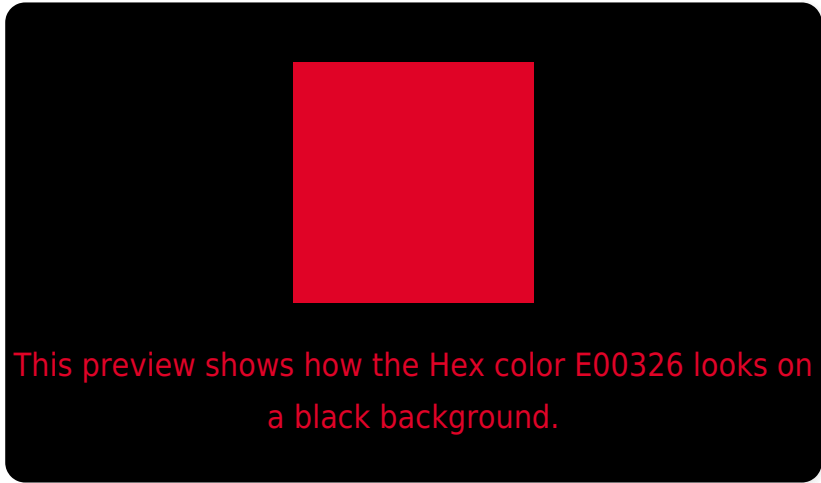
Large Text (above 18pt) WCAG AA ✓ Pass

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 E00326 Background



This preview shows how black text looks on a background with the Hex color E00326.



This preview shows how white text looks on a background with the Hex color E00326.

# 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**  
E00326

**Protanopia**  
7D713D

**Deuteranopia**  
8F6B0F



**Tritanopia**  
DF1400

# Trichromacy



**Original Color**  
E0326



**Protanomaly**  
A14935



**Deuteranomaly**  
AC4517



**Tritanomaly**  
DF0E0E

# Monochromacy



**Original Color**  
E0326



**Achromatopsia**  
494949



**Achromatomaly**  
80303C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00326 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 #E00326 looks like.

```
.text, #text, p{  
    color:#E00326  
}
```

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 #E00326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00326
}
```

## Border

The CSS property to change the border of an element to Hex E00326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

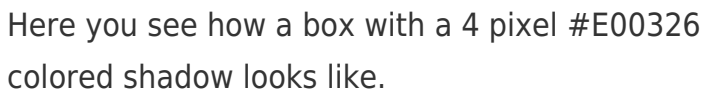
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E00326 }
```

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

```
.border{ border-color:#E00326 }
```

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



Here you see how a box with a 4 pixel #E00326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00326; -webkit-box-shadow:4px 4px  
4px 4px #E00326; box-shadow:4px 4px 4px  
4px #E00326 }
```

# Background

The CSS property to change the background color of an element to Hex E00326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00326 }
```

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

```
.background{ background-color:#E00326 }
```

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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