

# Converting Colors

Hex(E10005)

Have a look what the booklet for  
Hex(E10005) contains.

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**Color**

**Hex(E10005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E10005
RGB	225, 0, 5
RGB Percent	88%, 0%, 2%
CMY	0.1176, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.98, 0.12
HSL	359°, 100%, 44%
HSV	359°, 100%, 88%
XYZ	31.0787, 16.0185, 1.5974
YIQ	67.8450, 132.4950, 49.2550

# Conversions

## Conversions Part 2

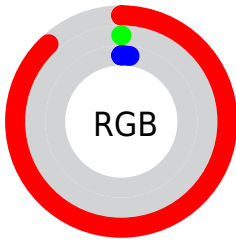
Format	Color
<a href="#">RYB</a>	<a href="#">225, 0, 5</a>
Decimal	<a href="#">14745605</a>
CIELab	<a href="#">47.00, 72.92, 59.66</a>
CIElCh	<a href="#">47, 94.213, 39.288</a>
Yxy	<a href="#">16.0185, 0.6382, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4292935685</a> ( <a href="#">0xFFE10005</a> )
YUV	<a href="#">67.8450, -30.9826, 137.8249</a>
Hunter-Lab	<a href="#">40.0231, 68.5682, 25.6498</a>

# Details

The Hex color **E10005** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00E1DC**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5A3A**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E10005**, and if you desaturate by 10%, it is **E1161B**.

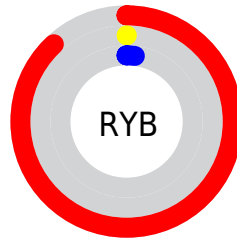
# Distribution



Red (88%)

Green (0%)

Blue (2%)



Red (88%)

Yellow (0%)

Blue (2%)

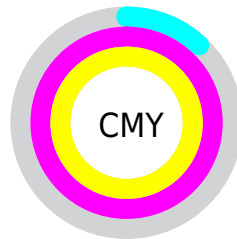


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E10005 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 E10005 by changing the saturation by 10% instead.



 E10005

 E10005

 FFFFFFF6

 C00000

 FF5A3A

 9F0000

 FF7853

 7E0000

 FF966D

 5F0002

 FFB487

 410003

 FFD1A2


 1F0001

 FFEFBD

 000000

 FFFFD9

 E10005

 E1161B

 E12D31

 E14447

 E15A5D

 E17173

 E18789

 E19D9F

 E1B4B5

 E1CBCB

# Harmonies

## Analogous

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



F2005B



E10005



B35500

# Triad

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



E10005



008B32



0074FF

# Complementary

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



E10005



00E1DC

# 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.



0087FF



E10005



008E87

# Square

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



E10005



008400



008ED4



8749ED

# Rectangle

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



E10005



8A6C00



008ED4



007CFF



# Sweetspot

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



E10005



FFB3B4



DA00E1



805253



000000



808080



# Same Dimension

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



E10005



FF0006



E16900



706565



B00004



300001



# Inverse Universe

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



E10005



FF0006



0078E1



706565



B00004



300001



# Previews

## White Background



This preview shows how the Hex color E10005 looks on a white background.

## Color Contrast Check

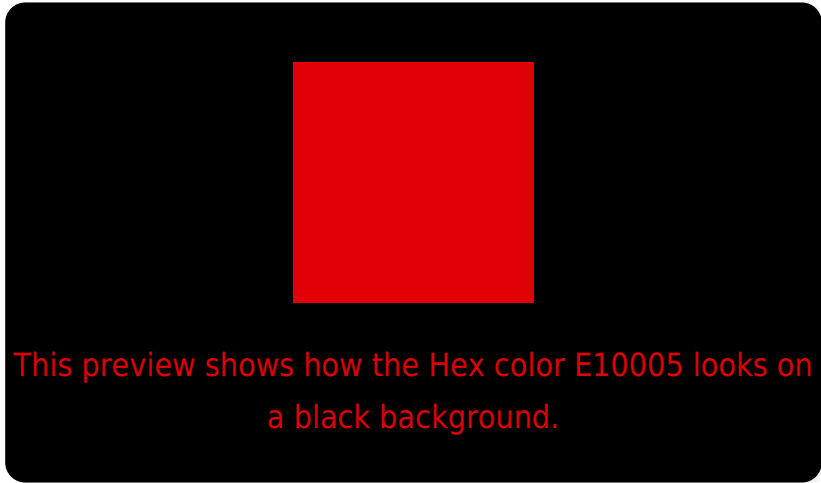
Large Text (above 18pt) WCAG AA ✓ Pass

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 E10005 Background



This preview shows how black text looks on a background with the Hex color E10005.



This preview shows how white text looks on a background with the Hex color E10005.

# 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**  
E10005

**Protanopia**  
7F721E

**Deuteranopia**  
8F6C00



**Tritanopia**  
DF1500

# Trichromacy



**Original Color**  
E10005



**Protanomaly**  
A34915



**Deuteranomaly**  
AD4502



**Tritanomaly**  
E00D02

# Monochromacy



**Original Color**  
E10005



**Achromatopsia**  
444444



**Achromatomaly**  
7D2B2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E10005 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 #E10005 looks like.

```
.text, #text, p{  
    color:#E10005  
}
```

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 #E10005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E10005
}
```

## Border

The CSS property to change the border of an element to Hex E10005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

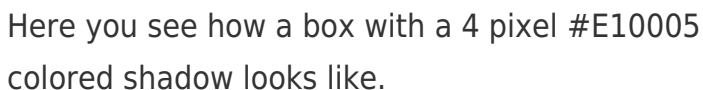
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E10005 }
```

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

```
.border{ border-color:#E10005 }
```

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



Here you see how a box with a 4 pixel #E10005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E10005; -webkit-box-shadow:4px 4px  
4px 4px #E10005; box-shadow:4px 4px 4px  
4px #E10005 }
```

# Background

The CSS property to change the background color of an element to Hex E10005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E10005 }
```

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

```
.background{ background-color:#E10005 }
```

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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