

# Converting Colors

Hex(DF0E0E)

Have a look what the booklet for  
Hex(DF0E0E) contains.

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# Color

**Hex(DF0E0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF0E0E
RGB	223, 14, 14
RGB Percent	87%, 5%, 5%
CMY	0.1255, 0.9451, 0.9451
CMYK	0.00, 0.94, 0.94, 0.13
HSL	0°, 88%, 46%
HSV	0°, 94%, 87%
XYZ	30.6677, 16.0338, 1.8939
YIQ	76.4910, 124.5640, 44.3080

# Conversions

## Conversions Part 2

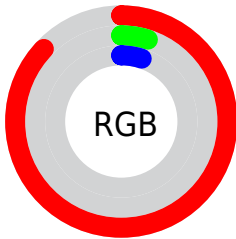
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 14, 14
Decimal	14618126
CIE Lab	47.02, 71.31, 56.83
CIE LCh	47, 91.185, 38.555
Yxy	16.0338, 0.6311, 0.3299
Android (android.graphics.Color)	4292808206 (0xFFDF0E0E)
YUV	76.4910, -30.8081, 128.4884
Hunter-Lab	40.0422, 66.6368, 25.2252

# Details

The Hex color **DF0E0E** 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 **0EDFDF**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5D40**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0000**, and if you desaturate by 10%, it is **DF2424**.

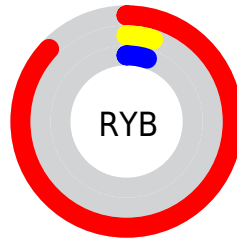
# Distribution



Red (87%)

Green (5%)

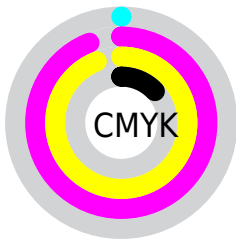
Blue (5%)



Red (87%)

Yellow (5%)

Blue (5%)

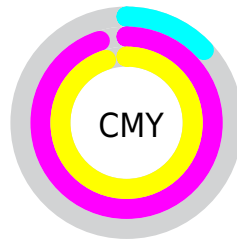


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF0E0E 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 DF0E0E by changing the saturation by 10% instead.



 DF0E0E

 DF0E0E

FFFFFFC

 BE0000

 FF5D40

 9D0000

 FF7B59

 7D0000

 FF9872

 5D0002

 FFB68C

 400003

 FFD3A7

 1D0001

 FFF1C3

 000000

 FFFFDF

 DF0E0E

 DF0E0E

 DF0000

 DF2424

 DF3B3B

 DF5151

 DF6767

 DF7E7E

 DF9494

 DFAAAA

 DF0C0C

 DFD7D7

# Harmonies

## Analogous

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



EF005E



DF0E0E



B35500

# Triad

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



DF0E0E



008A32



0074FF

# Complementary

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



DF0E0E



0EDFDF

# 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



DF0E0E



008D84

# Square

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



DF0E0E



008300



008DCF



844CEA

# Rectangle

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



DF0E0E



8B6C00



008DCF



007CFF



# Sweetspot

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



DF0E0E



FFB8B8



DF0EDF



805454



000000



808080



# Same Dimension

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



DF0E0E



FF0000



DF770E



706565



B00000



300000



# Inverse Universe

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



0EDFDF



00FFFF



0E77DF



657070



00B0B0



003030



# Previews

## White Background



This preview shows how the Hex color DF0E0E looks on a white background.

## Color Contrast Check

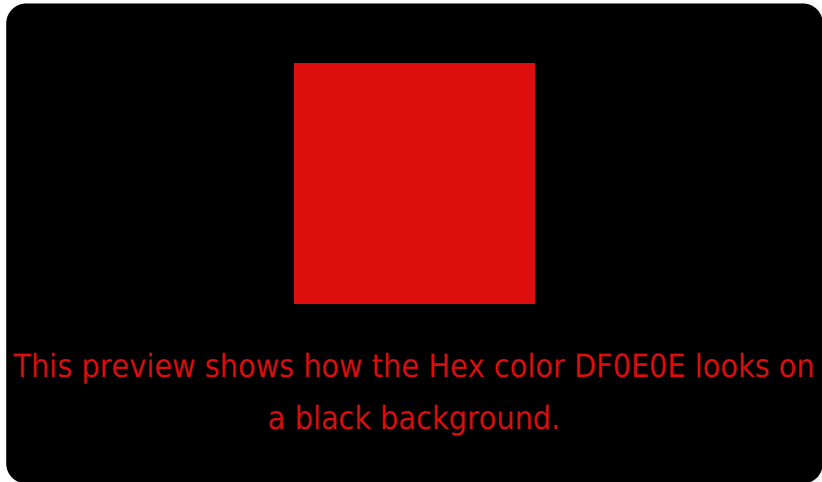
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF0E0E Background



This preview shows how black text looks on a background with the Hex color DF0E0E.



This preview shows how white text looks on a background with the Hex color DF0E0E.

# 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**  
DF0E0E

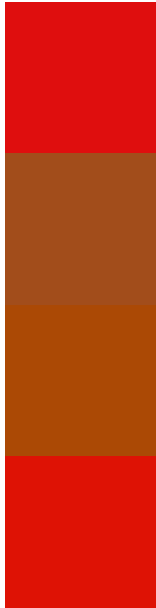
**Protanopia**  
7F7122

**Deuteranopia**  
8E6B00



**Tritanopia**  
DE1400

# Trichromacy



**Original Color**  
DF0E0E

**Protanomaly**  
A24D1B

**Deuteranomaly**  
AB4905

**Tritanomaly**  
DE1205

# Monochromacy



**Original Color**  
DF0E0E

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
813535

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF0E0E 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 #DF0E0E looks like.

```
.text, #text, p{  
    color:#DF0E0E  
}
```

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 #DF0E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF0E0E
}
```

## Border

The CSS property to change the border of an element to Hex DF0E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

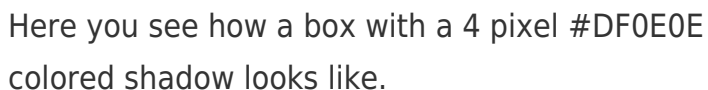
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF0E0E }
```

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

```
.border{ border-color:#DF0E0E }
```

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



Here you see how a box with a 4 pixel `#DF0E0E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF0E0E; -webkit-box-shadow:4px 4px  
4px 4px #DF0E0E; box-shadow:4px 4px 4px  
4px #DF0E0E }
```

# Background

The CSS property to change the background color of an element to Hex DF0E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF0E0E }
```

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

```
.background{ background-color:#DF0E0E }
```

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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