

# Converting Colors

Hex(DE0004)

Have a look what the booklet for  
Hex(DE0004) contains.

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**Color**

**Hex(DE0004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE0004
RGB	222, 0, 4
RGB Percent	87%, 0%, 2%
CMY	0.1294, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.98, 0.13
HSL	359°, 100%, 44%
HSV	359°, 100%, 87%
XYZ	30.1461, 15.5384, 1.5252
YIQ	66.8340, 131.0280, 48.3080

# Conversions

## Conversions Part 2

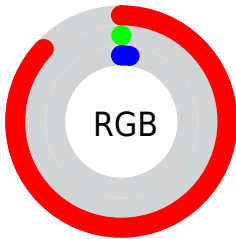
Format	Color
<a href="#">RYB</a>	<a href="#">222, 0, 4</a>
Decimal	<a href="#">14548996</a>
CIELab	<a href="#">46.36, 72.18, 59.31</a>
CIElCh	<a href="#">46, 93.421, 39.411</a>
Yxy	<a href="#">15.5384, 0.6386, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4292739076</a> ( <a href="#">0xFFDE0004</a> )
YUV	<a href="#">66.8340, -30.9772, 136.0806</a>
Hunter-Lab	<a href="#">39.4187, 67.5280, 25.2991</a>

# Details

The Hex color **DE0004** 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 **00DEDA**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5939**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0004**, and if you desaturate by 10%, it is **DE161A**.

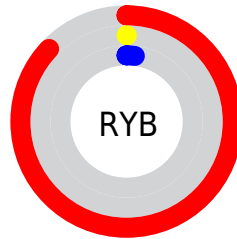
# Distribution



Red (87%)

Green (0%)

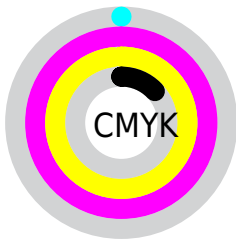
Blue (2%)



Red (87%)

Yellow (0%)

Blue (2%)

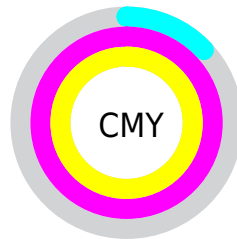


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE0004 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 DE0004 by changing the saturation by 10% instead.



 DE0004

 DE0004

 FFFFF5

 BD0000

 FF5939

 9C0000

 FF7852

 7C0000

 FF956C

 5C0002

 FFB386

 3E0003

 FFD0A0

 1A0001

 FFEBC

 000000

 FFFFD8

 DE0004

 DE161A

 DE2C30

 DE4345

 DE595B

 DE6F71

 DE8587

 DE9B9D

 DEB2B2

 DEC8C8

# Harmonies

## Analogous

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



EF005A



DE0004



B15400

# Triad

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



DE0004



008931



0072FF

# Complementary

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



DE0004



00DEDA

# 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.



0086FF



DE0004



008C86

# Square

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



DE0004



008200



008CD1



8648E9

# Rectangle

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



DE0004



886B00



008CD1



007AFF



# Sweetspot

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



DE0004



FFB3B4



D700DE



805252



000000



808080



# Same Dimension

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



DE0004



FF0005



DE6800



706565



B00003



300001



# Inverse Universe

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



DE0004



FF0005



0076DE



706565



B00003



300001



# Previews

## White Background



This preview shows how the Hex color DE0004 looks on a white background.

## Color Contrast Check

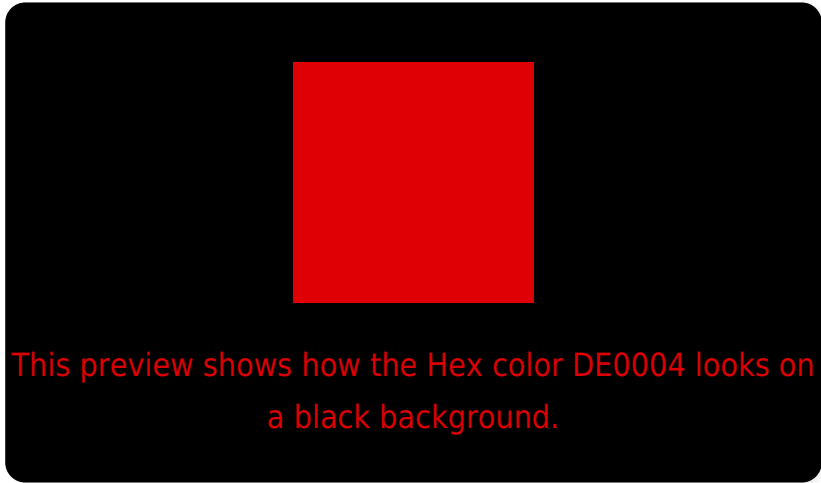
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0004 Background



This preview shows how black text looks on a background with the Hex color DE0004.



This preview shows how white text looks on a background with the Hex color DE0004.

# 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**  
DE0004

**Protanopia**  
7E701D

**Deuteranopia**  
8D6A00



# Trichromacy



**Original Color**  
DE0004



**Protanomaly**  
A14714



**Deuteranomaly**  
AA4301



**Tritanomaly**  
DD0D01

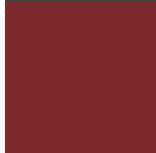
# Monochromacy



**Original Color**  
DE0004



**Achromatopsia**  
434343



**Achromatomaly**  
7B2B2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE0004 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 #DE0004 looks like.

```
.text, #text, p{  
    color:#DE0004  
}
```

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 #DE0004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0004
}
```

## Border

The CSS property to change the border of an element to Hex DE0004 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".

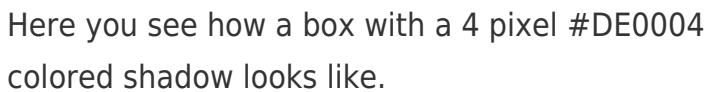
```
.border, #border, table{ border:4px solid
#DE0004 }
```

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

```
.border{ border-color:#DE0004 }
```

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

Here you see how a box with a 4 pixel #DE0004 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0004; -webkit-box-shadow:4px 4px  
4px 4px #DE0004; box-shadow:4px 4px 4px  
4px #DE0004 }
```

# Background

The CSS property to change the background color of an element to Hex DE0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0004 }
```

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

```
.background{ background-color:#DE0004 }
```

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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