

# Converting Colors

Hex(DE0710)

Have a look what the booklet for  
Hex(DE0710) contains.

<b>Hex(DE0710)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DE0710)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE0710
RGB	222, 7, 16
RGB Percent	87%, 3%, 6%
CMY	0.1294, 0.9725, 0.9373
CMYK	0.00, 0.97, 0.93, 0.13
HSL	357°, 94%, 45%
HSV	357°, 97%, 87%
XYZ	30.2937, 15.7190, 1.9276
YIQ	72.3110, 125.2510, 48.3790

# Conversions

## Conversions Part 2

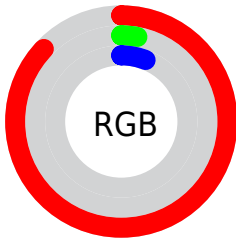
Format	Color
<a href="#">RYB</a>	<a href="#">222, 7, 16</a>
Decimal	<a href="#">14550800</a>
CIELab	<a href="#">46.60, 71.70, 55.81</a>
CIElCh	<a href="#">47, 90.859, 37.899</a>
Yxy	<a href="#">15.7190, 0.6319, 0.3279</a>
Android (android.graphics.Color)	<a href="#">4292740880</a> ( <a href="#">0xFFDE0710</a> )
YUV	<a href="#">72.3110, -27.7613, 131.2773</a>
Hunter-Lab	<a href="#">39.6471, 67.0063, 24.8704</a>

# Details

The Hex color **DE0710** 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 **07DED5**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5B41**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DE0009**, and if you desaturate by 10%, it is **DE1D25**.

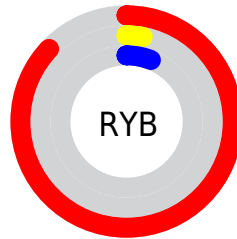
# Distribution



Red (87%)

Green (3%)

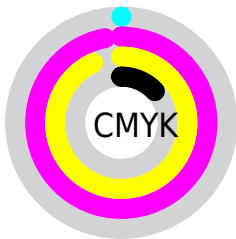
Blue (6%)



Red (87%)

Yellow (3%)

Blue (6%)

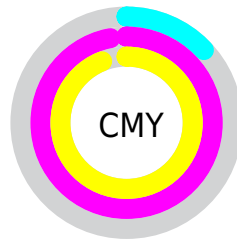


Cyan (0%)

Magenta (97%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (97%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE0710 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 DE0710 by changing the saturation by 10% instead.



 DE0710

 DE0710

FFFFFFD

 BD0000

 FF5B41

 9C0000

 FF795A

 7C0000

 FF9773

 5C0002

 FFB48D

 3F0003

 FFD2A8

 1B0001

 FFF0C4

 000000

 FFFFEO

 DE0710

 DE0710

 DE0009

 DE1D25

 DE333B

 DE4A50

 DE6065

 DE767A

 DE8C90

 DEA2A5

 DEB9BA

 DECFCF

# Harmonies

## Analogous

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



ED005E



DE0710



B35400

# Triad

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



DE0710



00892F



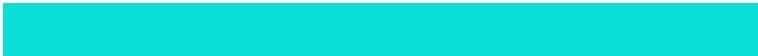
0073FF

# Complementary

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



DE0710



07DED5

# 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.



0086FE



DE0710



008C82

# Square

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



DE0710



008200



008CCC



804CE9

# Rectangle

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



DE0710



8C6A00



008CCC



007BFF



# Sweetspot

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



DE0710



FFB5B8



D307DE



805355



000000



808080



# Same Dimension

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



DE0710



FF000B



DE6807



706565



B00007



300002



# Inverse Universe

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



DE0710



FF000B



077DDE



706565



B00007



300002



# Previews

## White Background



This preview shows how the Hex color DE0710 looks on a white background.

## Color Contrast Check

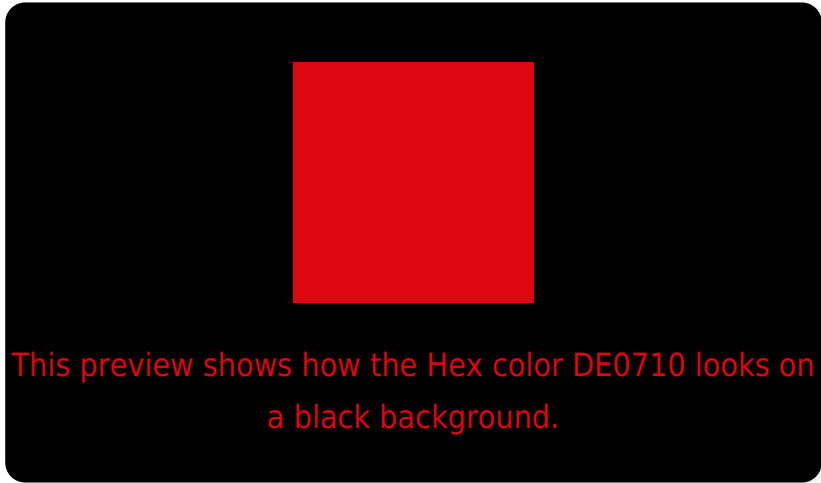
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0710 Background



This preview shows how black text looks on a background with the Hex color DE0710.



This preview shows how white text looks on a background with the Hex color DE0710.

# 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**  
DE0710

**Protanopia**  
7E7024

**Deuteranopia**  
8D6A00



**Tritanopia**  
DD1400

# Trichromacy



**Original Color**  
DE0710



**Protanomaly**  
A14A1D



**Deuteranomaly**  
AA4606



**Tritanomaly**  
DD0F06

# Monochromacy



**Original Color**  
DE0710



**Achromatopsia**  
484848



**Achromatomaly**  
7F3034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE0710 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 #DE0710 looks like.

```
.text, #text, p{  
    color:#DE0710  
}
```

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 #DE0710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0710
}
```

## Border

The CSS property to change the border of an element to Hex DE0710 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".

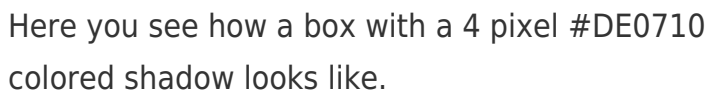
```
.border, #border, table{ border:4px solid
#DE0710 }
```

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

```
.border{ border-color:#DE0710 }
```

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

Here you see how a box with a 4 pixel #DE0710 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0710; -webkit-box-shadow:4px 4px  
4px 4px #DE0710; box-shadow:4px 4px 4px  
4px #DE0710 }
```

# Background

The CSS property to change the background color of an element to Hex DE0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0710 }
```

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

```
.background{ background-color:#DE0710 }
```

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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