

# Converting Colors

Hex(DE0713)

Have a look what the booklet for  
Hex(DE0713) contains.

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# Color

**Hex(DE0713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE0713
RGB	222, 7, 19
RGB Percent	87%, 3%, 7%
CMY	0.1294, 0.9725, 0.9255
CMYK	0.00, 0.97, 0.91, 0.13
HSL	357°, 94%, 45%
HSV	357°, 97%, 87%
XYZ	30.3177, 15.7286, 2.0541
YIQ	72.6530, 124.2880, 49.3120

# Conversions

## Conversions Part 2

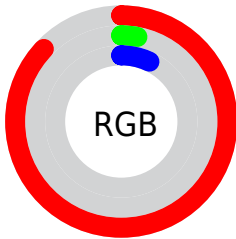
Format	Color
<a href="#">RYB</a>	<a href="#">222, 7, 19</a>
Decimal	<a href="#">14550803</a>
CIELab	<a href="#">46.62, 71.73, 54.72</a>
CIElCh	<a href="#">47, 90.219, 37.337</a>
Yxy	<a href="#">15.7286, 0.6303, 0.3270</a>
Android (android.graphics.Color)	<a href="#">4292740883</a> ( <a href="#">0xFFDE0713</a> )
YUV	<a href="#">72.6530, -26.4509, 130.9773</a>
Hunter-Lab	<a href="#">39.6593, 67.0515, 24.6906</a>

# Details

The Hex color **DE0713** 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 **07DED2**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5B43**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DE000C**, and if you desaturate by 10%, it is **DE1D28**.

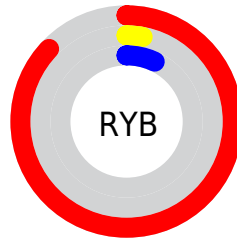
# Distribution



Red (87%)

Green (3%)

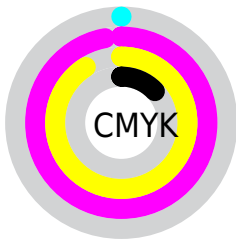
Blue (7%)



Red (87%)

Yellow (3%)

Blue (7%)

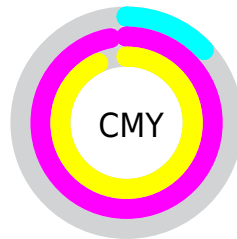


Cyan (0%)

Magenta (97%)

Yellow (91%)

Black (13%)



Cyan (13%)

Magenta (97%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE0713 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 DE0713 by changing the saturation by 10% instead.



 DE0713

 DE0713

FFFFFF

 BD0000

 FF5B43

 9C0000

 FF795C

 7C0000

 FF9775

 5C0002

 FFB48F

 3F0003

 FFD2AA

 1B0001

 FFF0C6

 000000

 FFFF E2

 DE0713

 DE0713

 DE000C

 DE1D28

 DE333D

 DE4A52

 DE6067

 DE767C

 DE8C91

 DEA2A6

 DEB9BB

 DECFD0

# Harmonies

## Analogous

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



EC0060



DE0713



B45300

# Triad

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



DE0713



00892E



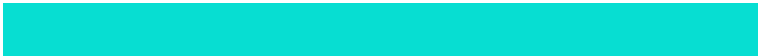
0074FF

# Complementary

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



DE0713



07DED2

# 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.



0086FD



DE0713



008C80

# Square

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



DE0713



028200



008CCA



7E4EE9

# Rectangle

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



DE0713



8D6A00



008CCA



007CFF



# Sweetspot

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



DE0713



FFB5B9



D007DE



805355



000000



808080



# Same Dimension

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



DE0713



FF000E



DE6407



706566



B0000A



300003



# Inverse Universe

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



DE0713



FF000E



0781DE



706566



B0000A



300003



# Previews

## White Background



This preview shows how the Hex color DE0713 looks on a white background.

## Color Contrast Check

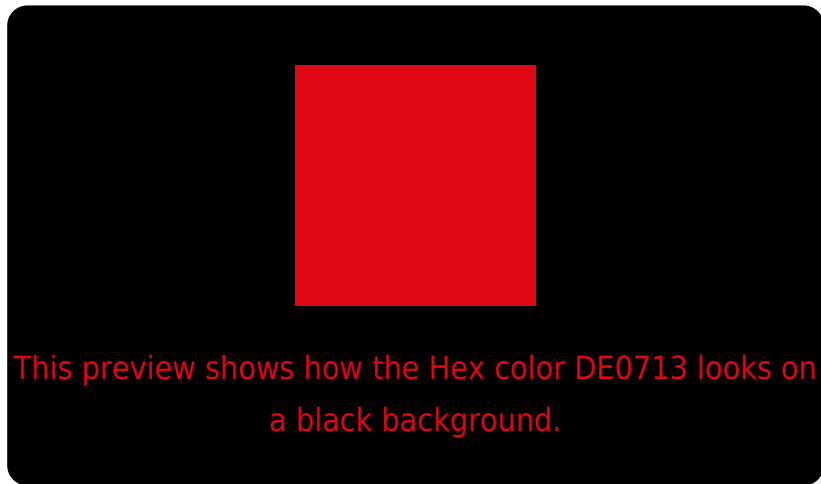
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0713 Background



This preview shows how black text looks on a background with the Hex color DE0713.



This preview shows how white text looks on a background with the Hex color DE0713.

# 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**  
DE0713

**Protanopia**  
7D7026

**Deuteranopia**  
8D6A00



# Trichromacy



**Original Color**  
DE0713



**Protanomaly**  
A04A1F



**Deuteranomaly**  
AA4607



**Tritanomaly**  
DD0F07

# Monochromacy



**Original Color**  
DE0713



**Achromatopsia**  
494949



**Achromatomaly**  
7F3135

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE0713 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 #DE0713 looks like.

```
.text, #text, p{  
    color:#DE0713  
}
```

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 #DE0713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0713
}
```

## Border

The CSS property to change the border of an element to Hex DE0713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

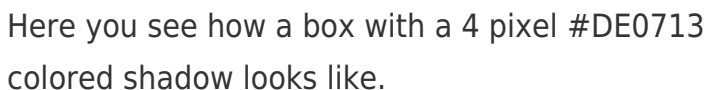
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE0713 }
```

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

```
.border{ border-color:#DE0713 }
```

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



Here you see how a box with a 4 pixel #DE0713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0713; -webkit-box-shadow:4px 4px  
4px 4px #DE0713; box-shadow:4px 4px 4px  
4px #DE0713 }
```

# Background

The CSS property to change the background color of an element to Hex DE0713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0713 }
```

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

```
.background{ background-color:#DE0713 }
```

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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