

# Converting Colors

Hex(D5000D)

Have a look what the booklet for  
Hex(D5000D) contains.

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# Color

**Hex(D5000D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5000D
RGB	213, 0, 13
RGB Percent	84%, 0%, 5%
CMY	0.1647, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.94, 0.16
HSL	356°, 100%, 42%
HSV	356°, 100%, 84%
XYZ	27.5132, 14.1752, 1.6667
YIQ	65.1690, 122.7750, 49.1990

# Conversions

## Conversions Part 2

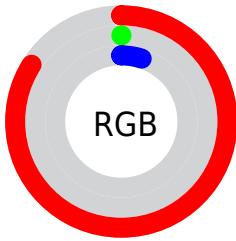
Format	Color
<a href="#">RYB</a>	<a href="#">213, 0, 13</a>
Decimal	<a href="#">13959181</a>
CIELab	<a href="#">44.48, 70.05, 54.62</a>
CIElCh	<a href="#">44, 88.829, 37.946</a>
Yxy	<a href="#">14.1752, 0.6346, 0.3270</a>
Android (android.graphics.Color)	<a href="#">4292149261 (0xFFD5000D)</a>
YUV	<a href="#">65.1690, -25.7193, 129.6478</a>
Hunter-Lab	<a href="#">37.6500, 64.5539, 23.7302</a>

# Details

The Hex color **D5000D** 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 **00D5C8**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF573E**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D5000D**, and if you desaturate by 10%, it is **D51521**.

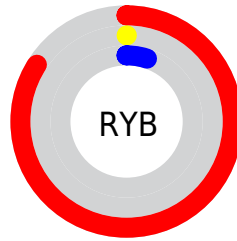
# Distribution



Red (84%)

Green (0%)

Blue (5%)



Red (84%)

Yellow (0%)

Blue (5%)

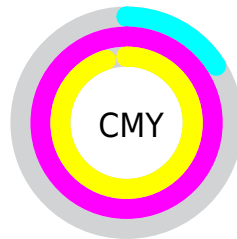


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5000D 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 D5000D by changing the saturation by 10% instead.



 D5000D

 D5000D

 FFFFF9

 B40000

 FF573E

 940000

 FF7557

 740000

 FF9370

 550002

 FFB08A

 370002

 FFCDA5

 080000

 FFEBC0

 000000

 FFFFDC

 D5000D

 D51521

 D52B35

 D54049

 D5555D

 D56B71

 D58085

 D59599

 D5AAAD

 D5C0C1

# Harmonies

## Analogous

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



E4005A



D5000D



AB4F00

# Triad

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



D5000D



00832C



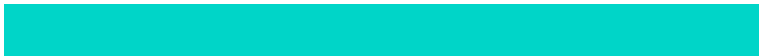
006EFF

# Complementary

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



D5000D



00D5C8

# 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.



0080F5



D5000D



00867C

# Square

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



D5000D



007C00



0086C4



7A48E0

# Rectangle

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



D5000D



856500



0086C4



0076FF



# Sweetspot

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



D5000D



FFB3B7



C700D5



805254



000000



808080



# Same Dimension

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



D5000D



FF0010



D55C00



6B6061



AB000A



2B0003



# Inverse Universe

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



D5000D



FF0010



0079D5



6B6061



AB000A



2B0003



# Previews

## White Background



This preview shows how the Hex color D5000D looks on a white background.

## Color Contrast Check

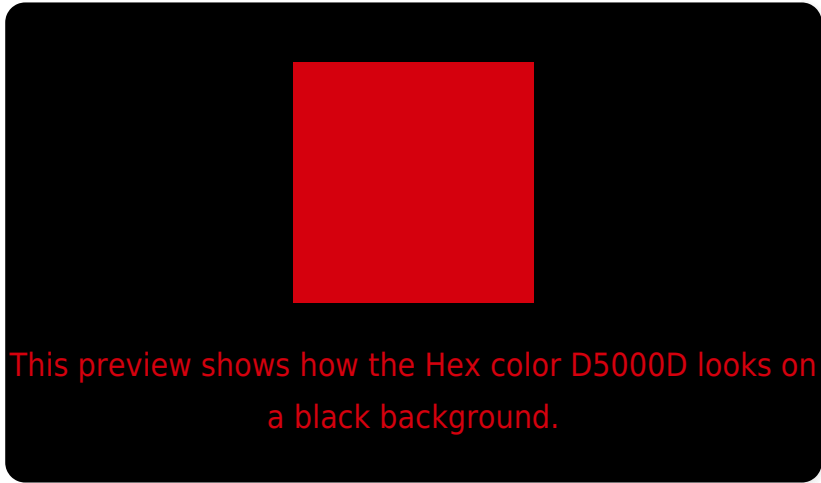
Large Text (above 18pt) WCAG AA ✓ Pass

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 D5000D Background



This preview shows how black text looks on a background with the Hex color D5000D.



This preview shows how white text looks on a background with the Hex color D5000D.

# 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**  
D5000D

**Protanopia**  
786C20

**Deuteranopia**  
876600



**Tritanopia**  
D31400

# Trichromacy



**Original Color**  
D5000D



**Protanomaly**  
9A4519



**Deuteranomaly**  
A34105



**Tritanomaly**  
D40D05

# Monochromacy



**Original Color**  
D5000D



**Achromatopsia**  
414141



**Achromatomaly**  
77292E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5000D 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 #D5000D looks like.

```
.text, #text, p{  
    color:#D5000D  
}
```

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 #D5000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5000D
}
```

## Border

The CSS property to change the border of an element to Hex D5000D 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".

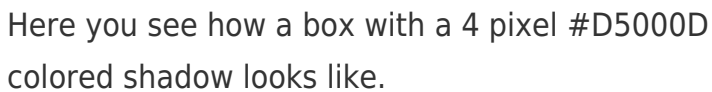
```
.border, #border, table{ border:4px solid
#D5000D }
```

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

```
.border{ border-color:#D5000D }
```

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

Here you see how a box with a 4 pixel #D5000D colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #D5000D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5000D; -webkit-box-shadow:4px 4px  
4px 4px #D5000D; box-shadow:4px 4px 4px  
4px #D5000D }
```

# Background

The CSS property to change the background color of an element to Hex D5000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5000D }
```

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

```
.background{ background-color:#D5000D }
```

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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