

Converting Colors

Hex(D400D)

Have a look what the booklet for
Hex(D4000D) contains.

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Color

Hex(D4000D)

Conversions

Conversions Part 1

Format	Color
Hex	D4000D
RGB	212, 0, 13
RGB Percent	83%, 0%, 5%
CMY	0.1686, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.94, 0.17
HSL	356°, 100%, 42%
HSV	356°, 100%, 83%
XYZ	27.2240, 14.0261, 1.6532
YIQ	64.8700, 122.1790, 48.9870

Conversions

Conversions Part 2

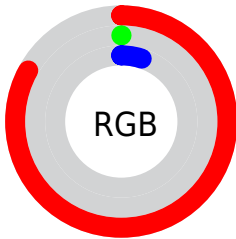
Format	Color
RYB	212, 0, 13
Decimal	13893645
CIELab	44.27, 69.80, 54.39
CIELCh	44, 88.493, 37.925
Yxy	14.0261, 0.6345, 0.3269
Android (android.graphics.Color)	4292083725 (0xFFD4000D)
YUV	64.8700, -25.5719, 129.0330
Hunter-Lab	37.4514, 64.2143, 23.5988

Details

The Hex color **D4000D** 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 **00D4C7**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF573E**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D4000D**, and if you desaturate by 10%, it is **D41521**.

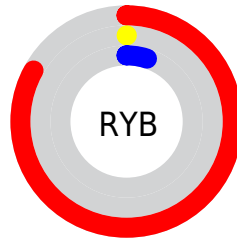
Distribution



Red (83%)

Green (0%)

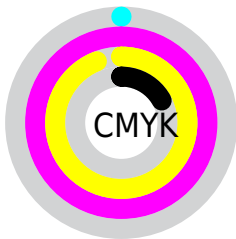
Blue (5%)



Red (83%)

Yellow (0%)

Blue (5%)

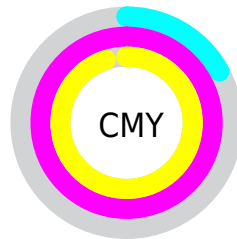


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4000D 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 D4000D by changing the saturation by 10% instead.

 D4000D

 D4000D

 FFFFFFF9

 B30000

 FF573E

 930000

 FF7556

 730000

 FF9270

 540002


 FFB08A

 360002

 FFCDA5

 050000

 FFEBC0

 000000

 FFFFDC

 D4000D

 D41521

 D42A35

 D44049

 D4555D

 D46A70

 D47F84

 D49498

 D4AAAC

 D4BFC0

Harmonies

Analogous

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



E30059



D4000D



AA4F00

Triad

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



D4000D



00822B



006EFE

Complementary

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



D4000D



00D4C7

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.



007FF4



D4000D



00857B

Square

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



D4000D



007B00



0085C3



7948DF

Rectangle

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



D4000D



846500



0085C3



0075FF

Sweetspot

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



D4000D



FFB3B7



C600D4



805254



000000



808080

Same Dimension

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



D4000D



FF0010



D45C00



6B6061



AB000A



2B0003

Inverse Universe

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



D4000D



FF0010



0078D4



6B6061



AB000A



2B0003

Previews

White Background



This preview shows how the Hex color D4000D looks on a white background.

Color Contrast Check

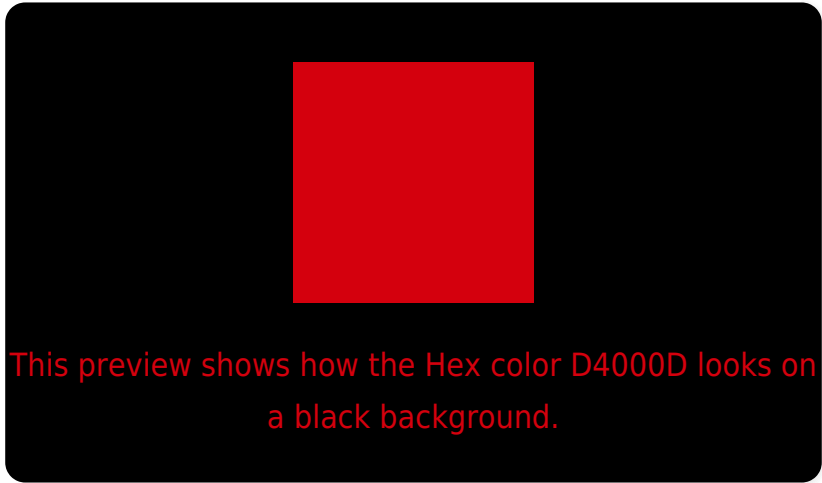
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4000D Background



This preview shows how black text looks on a background with the Hex color D4000D.



This preview shows how white text looks on a background with the Hex color D4000D.

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
D4000D

Protanopia
786B20

Deuteranopia
876600



Tritanopia
D21400

Trichromacy



Original Color
D4000D

Protanomaly
994419

Deuteranomaly
A34105

Tritanomaly
D30D05

Monochromacy



Original Color
D4000D

Achromatopsia
414141

Achromatomaly
76292E

CSS Examples

Text

The CSS property to change the color of the text to Hex D4000D 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 #D4000D looks like.

```
.text, #text, p{  
    color:#D4000D  
}
```

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 #D4000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4000D
}
```

Border

The CSS property to change the border of an element to Hex D4000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

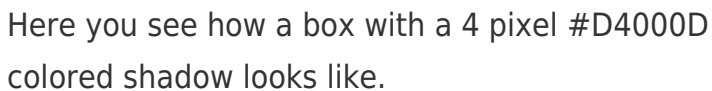
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4000D }
```

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

```
.border{ border-color:#D4000D }
```

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



Here you see how a box with a 4 pixel #D4000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4000D; -webkit-box-shadow:4px 4px  
4px 4px #D4000D; box-shadow:4px 4px 4px  
4px #D4000D }
```

Background

The CSS property to change the background color of an element to Hex D4000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4000D }
```

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

```
.background{ background-color:#D4000D }
```

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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