

Converting Colors

Hex(D70000)

Have a look what the booklet for
Hex(D70000) contains.

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Color

Hex(D70000)

Conversions

Conversions Part 1

Format	Color
Hex	D70000
RGB	215, 0, 0
RGB Percent	84%, 0%, 0%
CMY	0.1569, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.16
HSL	0°, 100%, 42%
HSV	0°, 100%, 84%
XYZ	28.0243, 14.4471, 1.3115
YIQ	64.2850, 128.1400, 45.5800

Conversions

Conversions Part 2

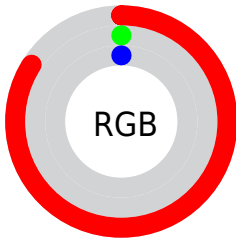
Format	Color
RYB	215, 0, 0
Decimal	14090240
CIELab	44.87, 70.43, 59.10
CIElCh	45, 91.940, 40.000
Yxy	14.4471, 0.6401, 0.3300
Android (android.graphics.Color)	4292280320 (0xFFD70000)
YUV	64.2850, -31.6925, 132.1771
Hunter-Lab	38.0093, 65.0921, 24.5607

Details

The Hex color **D70000** 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 **00D7D7**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5836**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D70000**, and if you desaturate by 10%, it is **D71515**.

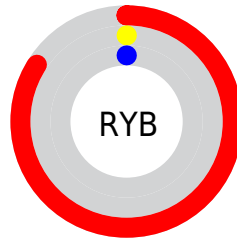
Distribution



Red (84%)

Green (0%)

Blue (0%)



Red (84%)

Yellow (0%)

Blue (0%)

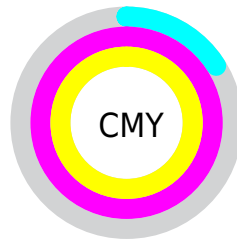


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D70000 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 D70000 by changing the saturation by 10% instead.

 D70000

 D70000

 FFFFF1

 B60000

 FF5836

 950000

 FF764F

 750000

 FF9368

 560002

 FFB082

 380002

 FFCE9D

 0D0000

 FFECB8

 000000

 FFFFD4

 D70000

 D71515

 D72B2B

 D74141

 D75656

 D76C6C

 D78181

 D79797

 D7ACAC

 D7C2C2

Harmonies

Analogous

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



E90055



D70000



AA5200

Triad

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



D70000



008530



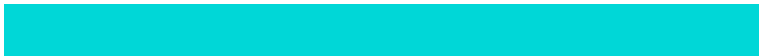
006DFF

Complementary

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



D70000



00D7D7

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.



0081FD



D70000



008783

Square

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



D70000



007E00



0087CD



8443E2

Rectangle

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



D70000



826800



0087CD



0076FF

Sweetspot

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



D70000



FFB3B3



D700D7



805252



000000



808080

Same Dimension

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



D70000



FF0000



D76C00



6B6060



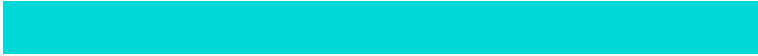
AB0000



2B0000

Inverse Universe

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



00D7D7



00FFFF



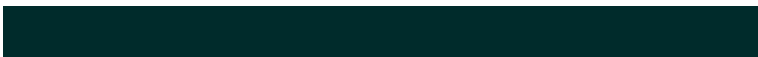
006CD7



606B6B



00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D70000 looks on a white background.

Color Contrast Check

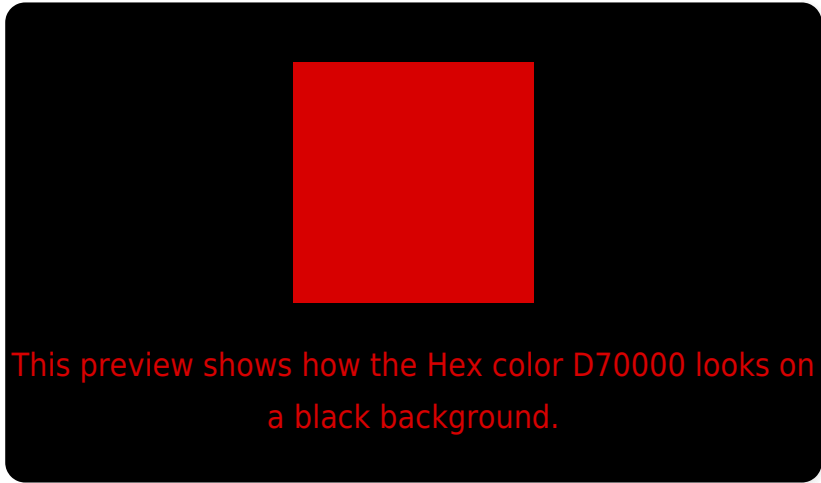
Large Text (above 18pt) WCAG AA ✓ Pass

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 D70000 Background



This preview shows how black text looks on a background with the Hex color D70000.



This preview shows how white text looks on a background with the Hex color D70000.

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
D70000

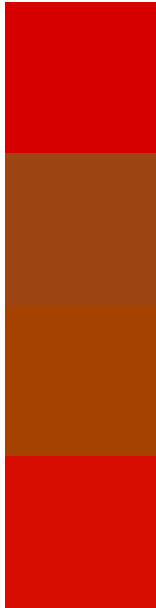
Protanopia
7A6D1C

Deuteranopia
896700



Tritanopia
D51400

Trichromacy



Original Color
D70000

Protanomaly
9C4512

Deuteranomaly
A54200

Tritanomaly
D60D00

Monochromacy



Original Color
D70000

Achromatopsia
404040

Achromatomaly
772929

CSS Examples

Text

The CSS property to change the color of the text to Hex D70000 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 #D70000 looks like.

```
.text, #text, p{  
    color:#D70000  
}
```

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 #D70000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70000
}
```

Border

The CSS property to change the border of an element to Hex D70000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

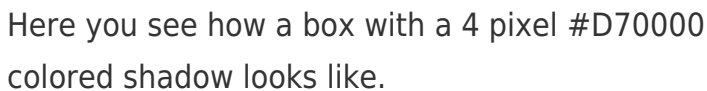
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D70000 }
```

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

```
.border{ border-color:#D70000 }
```

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



Here you see how a box with a 4 pixel #D70000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70000; -webkit-box-shadow:4px 4px  
4px 4px #D70000; box-shadow:4px 4px 4px  
4px #D70000 }
```

Background

The CSS property to change the background color of an element to Hex D70000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70000 }
```

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

```
.background{ background-color:#D70000 }
```

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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