

# Converting Colors

Hex(D70014)

Have a look what the booklet for  
Hex(D70014) contains.

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**Color**

**Hex(D70014)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D70014
RGB	215, 0, 20
RGB Percent	84%, 0%, 8%
CMY	0.1569, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.91, 0.16
HSL	354°, 100%, 42%
HSV	354°, 100%, 84%
XYZ	28.1506, 14.4976, 1.9764
YIQ	66.5650, 121.7200, 51.8000

# Conversions

## Conversions Part 2

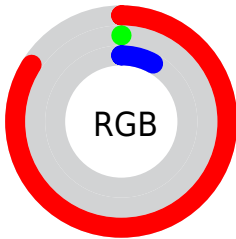
<b>Format</b>	<b>Color</b>
<b>RYB</b>	215, 0, 20
Decimal	14090260
CIELab	44.94, 70.62, 52.50
CIELCh	45, 88.002, 36.629
Yxy	14.4976, 0.6308, 0.3249
Android (android.graphics.Color)	4292280340 (0xFFD70014)
YUV	66.5650, -22.9565, 130.1775
Hunter-Lab	38.0757, 65.3384, 23.5754

# Details

The Hex color **D70014** 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 **00D7C3**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5843**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D70014**, and if you desaturate by 10%, it is **D71527**.

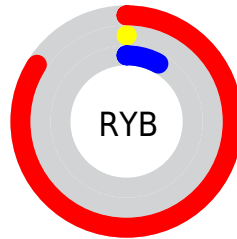
# Distribution



Red (84%)

Green (0%)

Blue (8%)



Red (84%)

Yellow (0%)

Blue (8%)

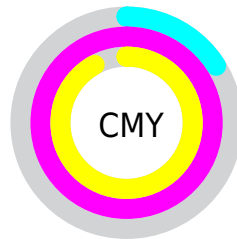


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D70014 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 D70014 by changing the saturation by 10% instead.



 D70014

 D70014

FFFFFF

 B60000

 FF5843

 960000

 FF765C

 760000

 FF9375

 570002

 FFB18F

 390002

 FFCEAA

 0E0000

 FFECC6

 000000

 FFFFE2

 D70014

 D71527

 D72B3B

 D7414E

 D75662

 D76C75

 D78189

 D7979C

 D7ACB0

 D7C2C3

# Harmonies

## Analogous

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



E4005E



D70014



AF4F00

# Triad

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



D70014



008429



0070FF

# Complementary

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



D70014



00D7C3

# 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.



0081F3



D70014



008779

# Square

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



D70014



0B7D00



0087C1



764CE2

# Rectangle

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



D70014



896500



0087C1



0078FF



# Sweetspot

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



D70014



FFB3BA



C200D7



805256



000000



808080



# Same Dimension

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



D70014



FF0018



D75600



6B6061



AB0010



2B0004



# Inverse Universe

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



D70014



FF0018



0081D7



6B6061



AB0010



2B0004



# Previews

## White Background



This preview shows how the Hex color D70014 looks on a white background.

## Color Contrast Check

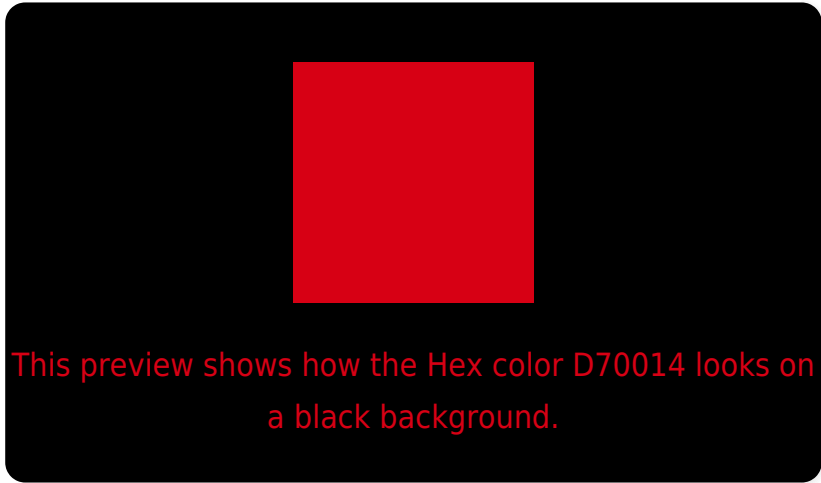
Large Text (above 18pt) WCAG AA ✓ Pass

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 D70014 Background



This preview shows how black text looks on a background with the Hex color D70014.



This preview shows how white text looks on a background with the Hex color D70014.

# 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**  
D70014

**Protanopia**  
796D27

**Deuteranopia**  
896700



**Tritanopia**  
D61400

# Trichromacy



**Original Color**  
D70014



**Protanomaly**  
9B4520



**Deuteranomaly**  
A54207



**Tritanomaly**  
D60D07

# Monochromacy



**Original Color**  
D70014



**Achromatopsia**  
434343



**Achromatomaly**  
792B32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D70014 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 #D70014 looks like.

```
.text, #text, p{  
    color:#D70014  
}
```

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 #D70014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70014
}
```

## Border

The CSS property to change the border of an element to Hex D70014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

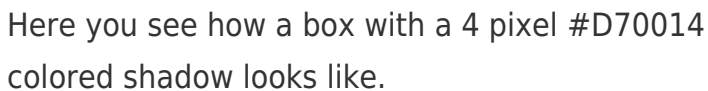
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D70014 }
```

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

```
.border{ border-color:#D70014 }
```

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



Here you see how a box with a 4 pixel #D70014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70014; -webkit-box-shadow:4px 4px  
4px 4px #D70014; box-shadow:4px 4px 4px  
4px #D70014 }
```

# Background

The CSS property to change the background color of an element to Hex D70014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70014 }
```

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

```
.background{ background-color:#D70014 }
```

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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