

Converting Colors

Hex(D71010)

Have a look what the booklet for
Hex(D71010) contains.

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Color

Hex(D71010)

Conversions

Conversions Part 1

Format	Color
Hex	D71010
RGB	215, 16, 16
RGB Percent	84%, 6%, 6%
CMY	0.1569, 0.9373, 0.9373
CMYK	0.00, 0.93, 0.93, 0.16
HSL	0°, 86%, 45%
HSV	0°, 93%, 84%
XYZ	28.3031, 14.8551, 1.8658
YIQ	75.5010, 118.6040, 42.1880

Conversions

Conversions Part 2

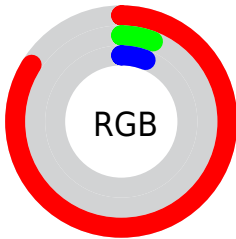
Format	Color
RYB	215, 16, 16
Decimal	14094352
CIELab	45.44, 69.08, 54.36
CIELCh	45, 87.906, 38.199
Yxy	14.8551, 0.6286, 0.3299
Android (android.graphics.Color)	4292284432 (0xFFD71010)
YUV	75.5010, -29.3340, 122.3406
Hunter-Lab	38.5423, 63.6308, 24.1094

Details

The Hex color **D71010** 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 **10D7D7**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5C41**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D70000**, and if you desaturate by 10%, it is **D72525**.

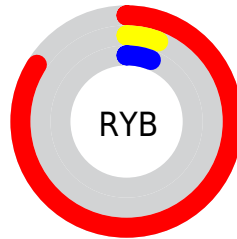
Distribution



Red (84%)

Green (6%)

Blue (6%)



Red (84%)

Yellow (6%)

Blue (6%)

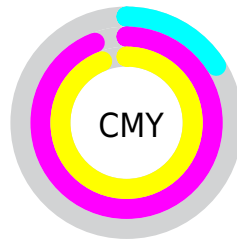


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (16%)



Cyan (16%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color D71010 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 D71010 by changing the saturation by 10% instead.

 D71010

 D71010

FFFFFFC

 B60000

 FF5C41

 960000

 FF7959

 760000

 FF9773

 570002

 FFB48D

 390002

 FFD1A8

 100000

 FFEFC3

 000000

 FFFFDF

 D71010

 D71010

 D70000

 D72525

 D73B3B

 D75151

 D76666

 D77C7C

 D79191

 D7A7A7

 D7BCBC

 D7D2D2

Harmonies

Analogous

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



E6005B



D71010



AD5200

Triad

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



D71010



00852F



0070FF

Complementary

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



D71010



10D7D7

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.



0082F6



D71010



00887F

Square

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



D71010



007E00



0088C6



7E4AE1

Rectangle

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



D71010



876800



0088C6



0078FF

Sweetspot

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



D71010



FFB8B8



D710D7



805454



000000



808080

Same Dimension

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



D71010



FF0000



D77410



6B6060



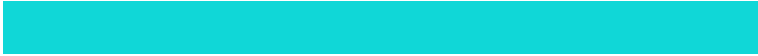
AB0000



2B0000

Inverse Universe

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



10D7D7



00FFFF



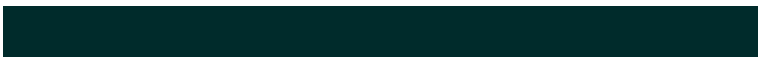
1074D7



606B6B



00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D71010 looks on a white background.

Color Contrast Check

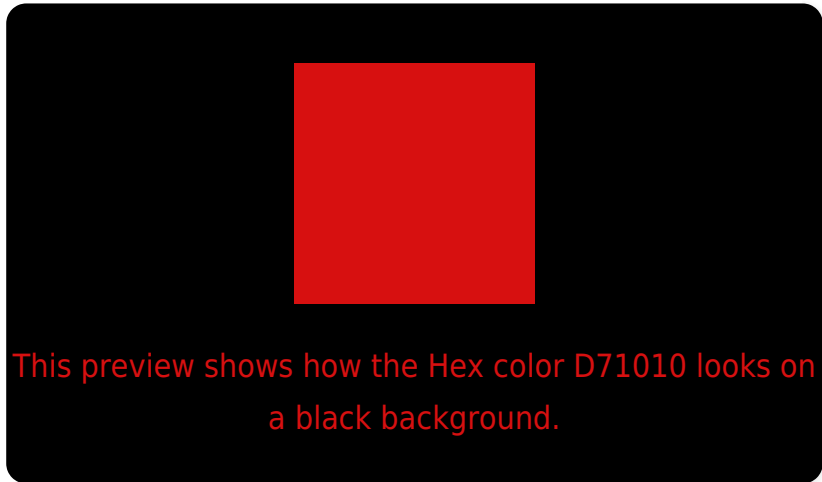
Large Text (above 18pt) WCAG AA ✓ Pass

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 D71010 Background



This preview shows how black text looks on a background with the Hex color D71010.



This preview shows how white text looks on a background with the Hex color D71010.

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
D71010

Protanopia
7A6D23

Deuteranopia
896800



Tritanopia
D71300

Trichromacy



Original Color
D71010

Protanomaly
9C4B1C

Deuteranomaly
A54806

Tritanomaly
D71206

Monochromacy



Original Color
D71010

Achromatopsia
4C4C4C

Achromatomaly
7F3636

CSS Examples

Text

The CSS property to change the color of the text to Hex D71010 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 #D71010 looks like.

```
.text, #text, p{  
    color:#D71010  
}
```

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 #D71010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71010
}
```

Border

The CSS property to change the border of an element to Hex D71010 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".

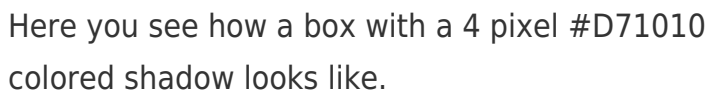
```
.border, #border, table{ border:4px solid
#D71010 }
```

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

```
.border{ border-color:#D71010 }
```

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

Here you see how a box with a 4 pixel #D71010 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #D71010 colored shadow looks like.' The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71010; -webkit-box-shadow:4px 4px  
4px 4px #D71010; box-shadow:4px 4px 4px  
4px #D71010 }
```

Background

The CSS property to change the background color of an element to Hex D71010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71010 }
```

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

```
.background{ background-color:#D71010 }
```

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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