

Converting Colors

Hex(D72700)

Have a look what the booklet for
Hex(D72700) contains.

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Color

Hex(D72700)

Conversions

Conversions Part 1

Format	Color
Hex	D72700
RGB	215, 39, 0
RGB Percent	84%, 15%, 0%
CMY	0.1569, 0.8471, 1.0000
CMYK	0.00, 0.82, 1.00, 0.16
HSL	11°, 100%, 42%
HSV	11°, 100%, 84%
XYZ	28.7499, 15.8981, 1.5534
YIQ	87.1780, 117.4150, 25.1830

Conversions

Conversions Part 2

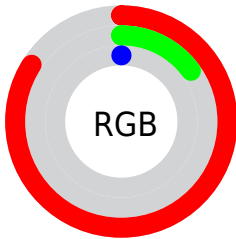
Format	Color
RYB	215, 48, 0
Decimal	14100224
CIELab	46.84, 64.77, 59.84
CIElCh	47, 88.182, 42.733
Yxy	15.8981, 0.6223, 0.3441
Android (android.graphics.Color)	4292290304 (0xFFD72700)
YUV	87.1780, -42.9788, 112.0999
Hunter-Lab	39.8724, 58.9299, 25.6009

Details

The Hex color **D72700** 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 **00B0D7**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6638**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D72700**, and if you desaturate by 10%, it is **D73915**.

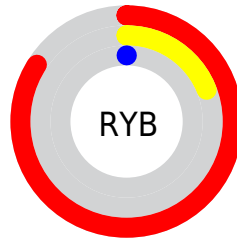
Distribution



Red (84%)

Green (15%)

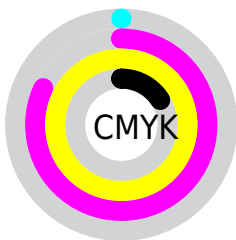
Blue (0%)



Red (84%)

Yellow (19%)

Blue (0%)

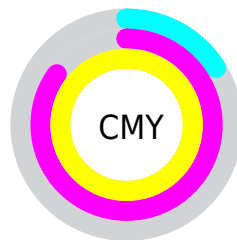


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D72700 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 D72700 by changing the saturation by 10% instead.

 D72700

 D72700

 FFFFF5

 B60000

 FF6638

 960000

 FF8351

 760000

 FFA06B

 570001

 FFBD85

 3A0002

 FFDA00

 130000

 FFF8BC

 000000

 FFFFD8

 D72700

 D73915

 D74A2B

 D75C41

 D76D56

 D77F6C

 D79181

 D7A297

 D7B4AC

 D7C5C2

Harmonies

Analogous

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



EB0054



D72700



AA5B00

Triad

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



D72700



008A3F



006FFF

Complementary

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



D72700



00B0D7

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.



0084FF



D72700



008C8E

Square

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



D72700



008400



008CD4



9446DE

Rectangle

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



D72700



826F00



008CD4



0078FF

Sweetspot

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



D72700



FFC0B3



D700B3



805A52



000000



808080

Same Dimension

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



D72700



FF2E00



D78F00



6B6260



AB1F00



2B0800

Inverse Universe

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



00B0D7



00D1FF



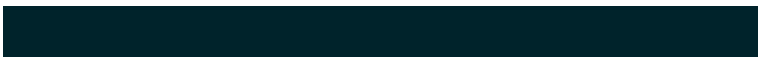
0048D7



60696B



008CAB



00232B

Previews

White Background



This preview shows how the Hex color D72700 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 D72700 Background



This preview shows how black text looks on a background with the Hex color D72700.



This preview shows how white text looks on a background with the Hex color D72700.

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

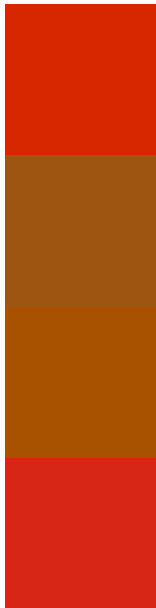


Original Color
D72700

Protanopia
7E701A

Deuteranopia
8D6A00

Trichromacy



Original Color
D72700

Protanomaly
9E5511

Deuteranomaly
A85200

Tritanomaly
D72616

Monochromacy



Original Color
D72700

Achromatopsia
575757

Achromatomaly
864637

CSS Examples

Text

The CSS property to change the color of the text to Hex D72700 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 #D72700 looks like.

```
.text, #text, p{  
    color:#D72700  
}
```

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 #D72700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72700
}
```

Border

The CSS property to change the border of an element to Hex D72700 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
#D72700 }
```

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

```
.border{ border-color:#D72700 }
```

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

Here you see how a box with a 4 pixel #D72700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72700; -webkit-box-shadow:4px 4px  
4px 4px #D72700; box-shadow:4px 4px 4px  
4px #D72700 }
```

Background

The CSS property to change the background color of an element to Hex D72700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72700 }
```

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

```
.background{ background-color:#D72700 }
```

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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