

Converting Colors

Hex(D72B00)

Have a look what the booklet for
Hex(D72B00) contains.

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Color

Hex(D72B00)

Conversions

Conversions Part 1

Format	Color
Hex	D72B00
RGB	215, 43, 0
RGB Percent	84%, 17%, 0%
CMY	0.1569, 0.8314, 1.0000
CMYK	0.00, 0.80, 1.00, 0.16
HSL	12°, 100%, 42%
HSV	12°, 100%, 84%
XYZ	28.8882, 16.1748, 1.5995
YIQ	89.5260, 116.3150, 23.0910

Conversions

Conversions Part 2

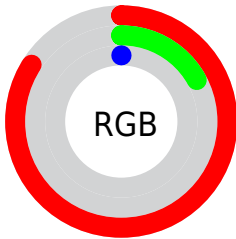
Format	Color
RYB	215, 54, 0
Decimal	14101248
CIELab	47.20, 63.75, 59.99
CIElCh	47, 87.535, 43.260
Yxy	16.1748, 0.6191, 0.3466
Android (android.graphics.Color)	4292291328 (0xFFD72B00)
YUV	89.5260, -44.1363, 110.0407
Hunter-Lab	40.2179, 57.8337, 25.7946

Details

The Hex color **D72B00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00ACD7**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6939**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D72B00**, and if you desaturate by 10%, it is **D73C15**.

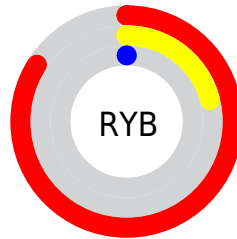
Distribution



Red (84%)

Green (17%)

Blue (0%)



Red (84%)

Yellow (21%)

Blue (0%)

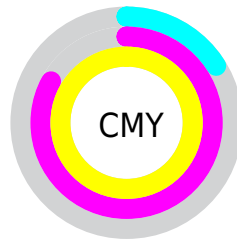


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D72B00 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 D72B00 by changing the saturation by 10% instead.

 D72B00

 D72B00

 FFFFF5

 B60000

 FF6939

 960000

 FF8552

 760000

 FFA26B

 570001

 FFBF86

 3B0002

 FFDCA1

 140000

 FFFABC

 000000

 FFFFD8

 D72B00

 D73C15

 D74D2B

 D75F41

 D77056

 D7816C

 D79281

 D7A397

 D7B5AC

 D7C6C2

Harmonies

Analogous

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



EB0053



D72B00



AA5D00

Triad

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



D72B00



008B42



006FFF

Complementary

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



D72B00



00ACD7

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



D72B00



008D90

Square

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



D72B00



008500



008CD5



9646DD

Rectangle

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



D72B00



827000



008CD5



0078FF

Sweetspot

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



D72B00



FFC2B3



D700AC



805B52



000000



808080

Same Dimension

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



D72B00



FF3300



D79700



6B6360



AB2200



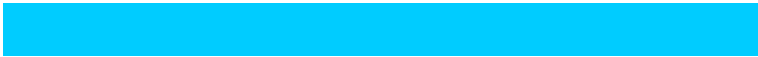
2B0900

Inverse Universe

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



00ACD7



00CCFF



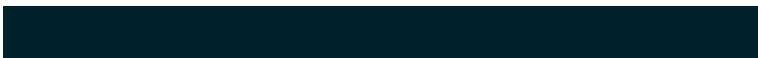
0040D7



60696B



0089AB



00232B

Previews

White Background



This preview shows how the Hex color D72B00 looks on a white background.

Color Contrast Check

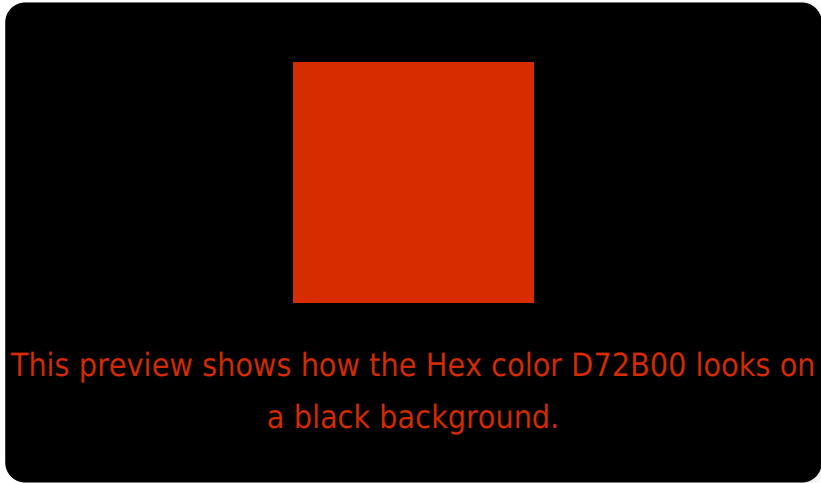
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72B00 Background



This preview shows how black text looks on a background with the Hex color D72B00.



This preview shows how white text looks on a background with the Hex color D72B00.

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
D72B00

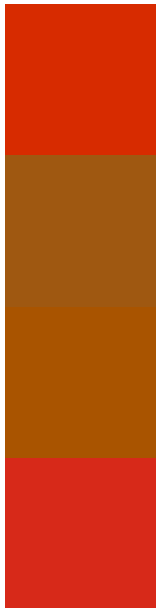
Protanopia
7F711A

Deuteranopia
8E6B00



Tritanopia
D72828

Trichromacy



Original Color
D72B00

Protanomaly
9F5811

Deuteranomaly
A95400

Tritanomaly
D72919

Monochromacy



Original Color
D72B00

Achromatopsia
5A5A5A

Achromatomaly
874939

CSS Examples

Text

The CSS property to change the color of the text to Hex D72B00 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 #D72B00 looks like.

```
.text, #text, p{  
    color:#D72B00  
}
```

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 #D72B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72B00  
}
```

Border

The CSS property to change the border of an element to Hex D72B00 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".

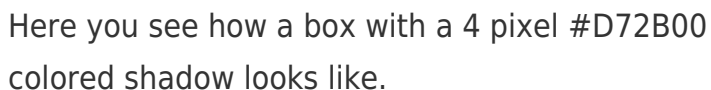
```
.border, #border, table{ border:4px solid  
#D72B00 }
```

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

```
.border{ border-color:#D72B00 }
```

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

Here you see how a box with a 4 pixel #D72B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72B00; -webkit-box-shadow:4px 4px  
4px 4px #D72B00; box-shadow:4px 4px 4px  
4px #D72B00 }
```

Background

The CSS property to change the background color of an element to Hex D72B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72B00 }
```

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

```
.background{ background-color:#D72B00 }
```

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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