

# Converting Colors

Hex(D72D14)

Have a look what the booklet for  
Hex(D72D14) contains.

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**Color**

**Hex(D72D14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D72D14
RGB	215, 45, 20
RGB Percent	84%, 18%, 8%
CMY	0.1569, 0.8235, 0.9216
CMYK	0.00, 0.79, 0.91, 0.16
HSL	8°, 83%, 46%
HSV	8°, 91%, 84%
XYZ	29.0890, 16.3744, 2.2892
YIQ	92.9800, 109.3450, 28.2650

# Conversions

## Conversions Part 2

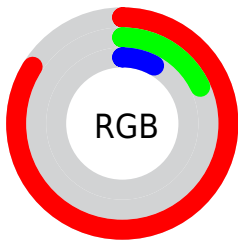
Format	Color
R <sub>Y</sub> B	215, 49, 20
Decimal	14101780
CIE Lab	47.46, 63.41, 54.22
CIE LCh	47, 83.427, 40.532
Yxy	16.3744, 0.6092, 0.3429
Android (android.graphics.Color)	4292291860 (0xFFD72D14)
YUV	92.9800, -35.9791, 107.0115
Hunter-Lab	40.4652, 57.5030, 24.9715

# Details

The Hex color **D72D14** 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 **14BED7**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6A45**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D71C00**, and if you desaturate by 10%, it is **D7402A**.

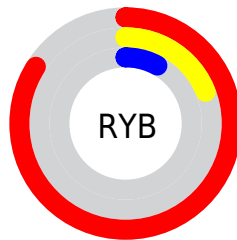
# Distribution



Red (84%)

Green (18%)

Blue (8%)



Red (84%)

Yellow (19%)

Blue (8%)

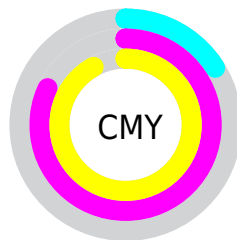


Cyan (0%)

Magenta (79%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (82%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D72D14 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 D72D14 by changing the saturation by 10% instead.



 D72D14

 D72D14

FFFFFF

 B70000

 FF6A45

 970000

 FF875E

 770000

 FFA378

 580001

 FFC092

 3B0002

 FFDEAD

 150000

 FFFBC9

 000000

 FFFF E5

 D72D14

 D72D14

 D71C00

 D7402A

 D7523F

 D76555

 D7786A

 D78B7F

 D79D95

 D7B0AB

 D7C3C0

 D7D6D6

# Harmonies

## Analogous

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



E7005B



D72D14



AE5B00

# Triad

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



D72D14



008A3E



0072FD

# Complementary

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



D72D14



14BED7

# 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.



0085F7



D72D14



008D89

# Square

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



D72D14



058400



008CCC



8D4EDD

# Rectangle

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



D72D14



896F00



008CCC



007AFF



# Sweetspot

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



D72D14



FFC3BA



D714C0



805C57



000000



808080



# Same Dimension

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



D72D14



FF2100



D78C14



6B6260



AB1600



2B0600



# Inverse Universe

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



14BED7



00DEFF



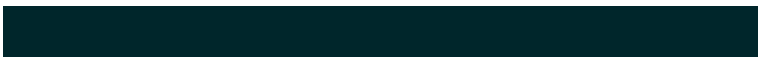
145FD7



606A6B



0095AB



00262B



# Previews

## White Background



This preview shows how the Hex color D72D14 looks on a white background.

## Color Contrast Check

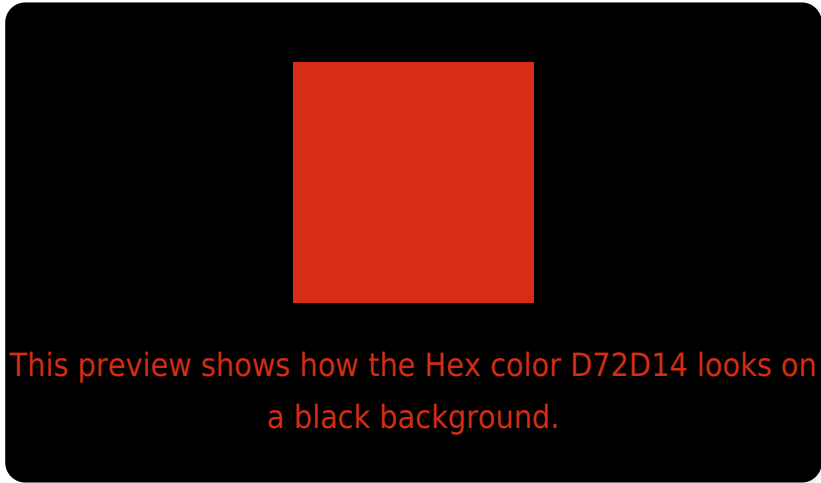
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72D14 Background



This preview shows how black text looks on a background with the Hex color D72D14.



This preview shows how white text looks on a background with the Hex color D72D14.

# 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**  
D72D14

**Protanopia**  
7F7224

**Deuteranopia**  
8F6C00



**Tritanopia**  
D72B2B

# Trichromacy



**Original Color**  
D72D14

**Protanomaly**  
9F591E

**Deuteranomaly**  
A95507

**Tritanomaly**  
D72C23

# Monochromacy



**Original Color**  
D72D14

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
894C42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D72D14 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 #D72D14 looks like.

```
.text, #text, p{  
    color:#D72D14  
}
```

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 #D72D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72D14
}
```

## Border

The CSS property to change the border of an element to Hex D72D14 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".

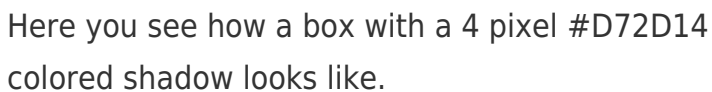
```
.border, #border, table{ border:4px solid
#D72D14 }
```

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

```
.border{ border-color:#D72D14 }
```

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

Here you see how a box with a 4 pixel #D72D14 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #D72D14 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72D14; -webkit-box-shadow:4px 4px  
4px 4px #D72D14; box-shadow:4px 4px 4px  
4px #D72D14 }
```

# Background

The CSS property to change the background color of an element to Hex D72D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72D14 }
```

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

```
.background{ background-color:#D72D14 }
```

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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