

Converting Colors

Hex(D72B1F)

Have a look what the booklet for
Hex(D72B1F) contains.

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Color

Hex(D72B1F)

Conversions

Conversions Part 1

Format	Color
Hex	D72B1F
RGB	215, 43, 31
RGB Percent	84%, 17%, 12%
CMY	0.1569, 0.8314, 0.8784
CMYK	0.00, 0.80, 0.86, 0.16
HSL	4°, 75%, 48%
HSV	4°, 86%, 84%
XYZ	29.1355, 16.2738, 2.9019
YIQ	93.0600, 106.3640, 32.7320

Conversions

Conversions Part 2

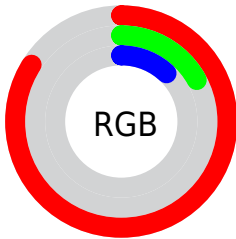
Format	Color
RYB	215, 44, 31
Decimal	14101279
CIELab	47.33, 64.15, 49.45
CIELCh	47, 80.998, 37.628
Yxy	16.2738, 0.6031, 0.3369
Android (android.graphics.Color)	4292291359 (0xFFD72B1F)
YUV	93.0600, -30.5956, 106.9414
Hunter-Lab	40.3407, 58.3228, 23.9736

Details

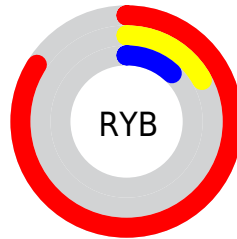
The Hex color **D72B1F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1FCBD7**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF694E**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D7170A**, and if you desaturate by 10%, it is **D73F35**.

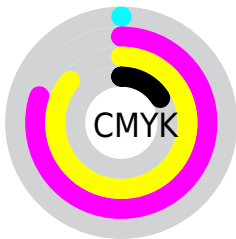
Distribution



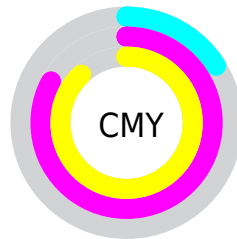
- Red (84%)
- Green (17%)
- Blue (12%)



- Red (84%)
- Yellow (17%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (86%)
- Black (16%)



- Cyan (16%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D72B1F 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 D72B1F by changing the saturation by 10% instead.

 D72B1F

 D72B1F

FFFFFF

 B70007

 FF694E

 970000

 FF8667

 770000

 FFA281

 580001

 FFBF9B

 3B0003

 FFDDB6

 150000

 FFFBD2

 000000

 FFFFEE

 D72B1F

 D72B1F

 D7170A

 D73F35

 D70E00

 D7534A

 D76760

 D77B75

 D78F8B

 D7A4A0

 D7B8B6

 D7CCCB

 D7E0E1

Harmonies

Analogous

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



E30062



D72B1F



B15900

Triad

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



D72B1F



008938



0074FA

Complementary

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



D72B1F



1FCBD7

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.



0085F0



D72B1F



008C81

Square

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



D72B1F



258200



008CC3



8254DE

Rectangle

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



D72B1F



8E6C00



008CC3



007BFB

Sweetspot

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



D72B1F



FFC1BD



D71FCE



805B58



000000



808080

Same Dimension

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



D72B1F



FF1100



D7841F



6B6160



AB0B00



2B0300

Inverse Universe

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



1FCBD7



00EEFF



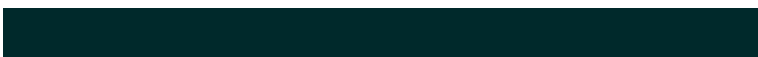
1F72D7



606A6B



00A0AB



00292B

Previews

White Background



This preview shows how the Hex color D72B1F looks on a white background.

Color Contrast Check

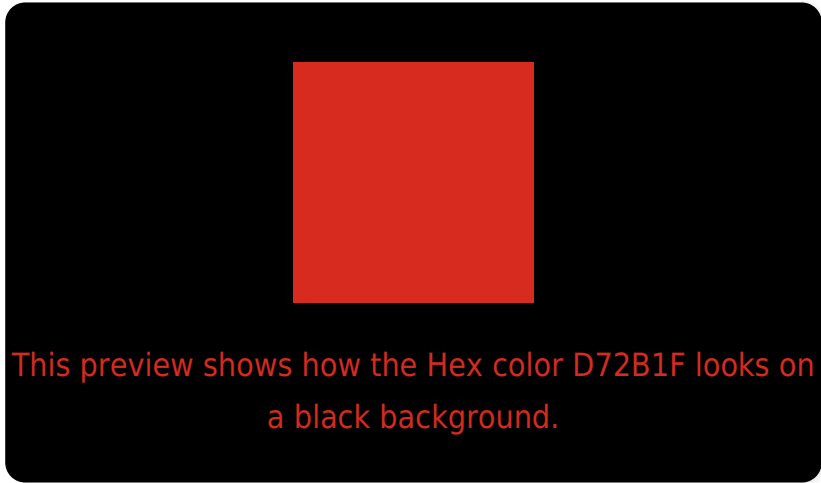
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72B1F Background



This preview shows how black text looks on a background with the Hex color D72B1F.



This preview shows how white text looks on a background with the Hex color D72B1F.

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
D72B1F

Protanopia
7E7130

Tritanopia
D72A29

Trichromacy

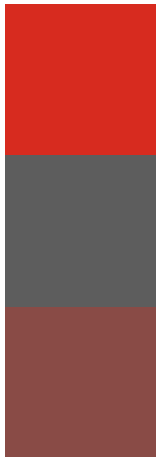


Original Color
D72B1F

Protanomaly
9E582A

Tritanomaly
D72A25

Monochromacy



Original Color
D72B1F

Achromatopsia
5D5D5D

Achromatomaly
894B46

CSS Examples

Text

The CSS property to change the color of the text to Hex D72B1F 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 #D72B1F looks like.

```
.text, #text, p{  
    color:#D72B1F  
}
```

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 #D72B1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72B1F
}
```

Border

The CSS property to change the border of an element to Hex D72B1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

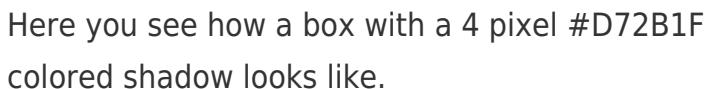
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D72B1F }
```

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

```
.border{ border-color:#D72B1F }
```

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



Here you see how a box with a 4 pixel `#D72B1F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72B1F; -webkit-box-shadow:4px 4px  
4px 4px #D72B1F; box-shadow:4px 4px 4px  
4px #D72B1F }
```

Background

The CSS property to change the background color of an element to Hex D72B1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72B1F }
```

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

```
.background{ background-color:#D72B1F }
```

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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