

Converting Colors

Hex(D72B2B)

Have a look what the booklet for
Hex(D72B2B) contains.

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Color

Hex(D72B2B)

Conversions

Conversions Part 1

Format	Color
Hex	D72B2B
RGB	215, 43, 43
RGB Percent	84%, 17%, 17%
CMY	0.1569, 0.8314, 0.8314
CMYK	0.00, 0.80, 0.80, 0.16
HSL	0°, 68%, 51%
HSV	0°, 80%, 84%
XYZ	29.3243, 16.3492, 3.8957
YIQ	94.4280, 102.5120, 36.4640

Conversions

Conversions Part 2

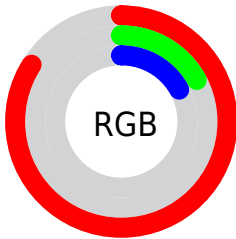
Format	Color
R _Y B	215, 43, 43
Decimal	14101291
CIE Lab	47.43, 64.45, 43.46
CIE LCh	47, 77.737, 33.990
Yxy	16.3492, 0.5916, 0.3298
Android (android.graphics.Color)	4292291371 (0xFFD72B2B)
YUV	94.4280, -25.3540, 105.7416
Hunter-Lab	40.4342, 58.6944, 22.5916

Details

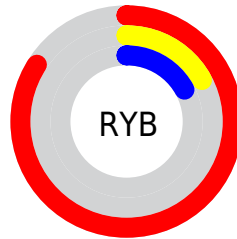
The Hex color **D72B2B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2BD7D7**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF695A**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D71515**, and if you desaturate by 10%, it is **D74141**.

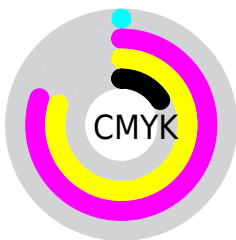
Distribution



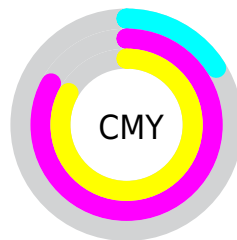
- Red (84%)
- Green (17%)
- Blue (17%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color D72B2B 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 D72B2B by changing the saturation by 10% instead.

 D72B2B

 D72B2B

FFFFFF

 B70015

 FF695A

 970000

 FF8673

 780000

 FFA38D

 590001

 FFC0A7

 3C0003

 FFDDC3

 160000

 FFFBDF

 000000

 FFFFFB

 D72B2B

 D72B2B

 D71515

 D74141

 D70000

 D75656

 D76C6C

 D78181

 D79797

 D7ACAC

 D7C2C2

 D7D7D7

 D7EDED

Harmonies

Analogous

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



DF006B



D72B2B



B55600

Triad

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



D72B2B



008832



0077F5

Complementary

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



D72B2B



2BD7D7

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.



0086E7



D72B2B



008B78

Square

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



D72B2B



3A8000



008BB9



745ADF

Rectangle

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



D72B2B



946900



008BB9



007DF5

Sweetspot

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



D72B2B



FFC2C2



D72BD7



805B5B



000000



808080

Same Dimension

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



D72B2B



FF0A0A



D7812B



6B6060



AB0000



2B0000

Inverse Universe

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



2BD7D7



0AFFFF



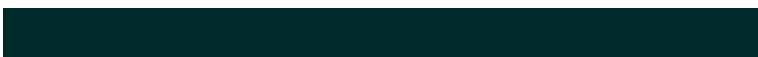
2B81D7



606B6B



00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D72B2B looks on a white background.

Color Contrast Check

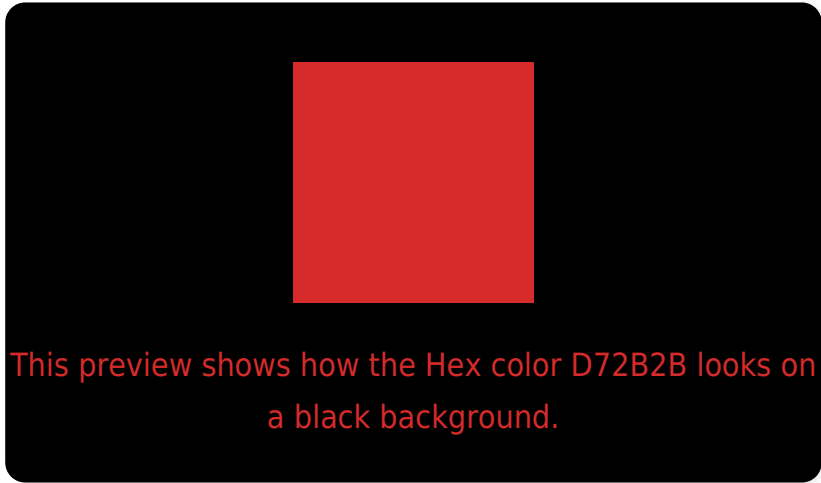
Large Text (above 18pt) WCAG AA ✓ Pass

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 D72B2B Background



This preview shows how black text looks on a background with the Hex color D72B2B.



This preview shows how white text looks on a background with the Hex color D72B2B.

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
D72B2B

Protanopia
7D713E

Deuteranopia
8F6C1C



Tritanopia
D72B2B

Trichromacy



Original Color
D72B2B

Protanomaly
9E5837

Deuteranomaly
A95421

Tritanomaly
D72B2B

Monochromacy



Original Color
D72B2B

Achromatopsia
5E5E5E

Achromatomaly
8A4B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex D72B2B 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 #D72B2B looks like.

```
.text, #text, p{  
    color:#D72B2B  
}
```

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 #D72B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D72B2B
}
```

Border

The CSS property to change the border of an element to Hex D72B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

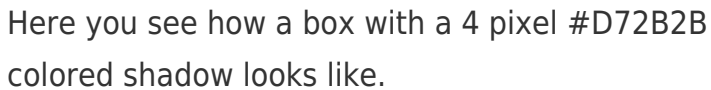
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D72B2B }
```

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

```
.border{ border-color:#D72B2B }
```

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



Here you see how a box with a 4 pixel `#D72B2B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D72B2B; -webkit-box-shadow:4px 4px  
4px 4px #D72B2B; box-shadow:4px 4px 4px  
4px #D72B2B }
```

Background

The CSS property to change the background color of an element to Hex D72B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D72B2B }
```

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

```
.background{ background-color:#D72B2B }
```

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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