

Converting Colors

Hex(D02222)

Have a look what the booklet for
Hex(D02222) contains.

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Color

Hex(D02222)

Conversions

Conversions Part 1

Format	Color
Hex	D02222
RGB	208, 34, 34
RGB Percent	82%, 13%, 13%
CMY	0.1843, 0.8667, 0.8667
CMYK	0.00, 0.84, 0.84, 0.18
HSL	0°, 72%, 47%
HSV	0°, 84%, 82%
XYZ	26.8732, 14.6694, 2.9285
YIQ	86.0260, 103.7040, 36.8880

Conversions

Conversions Part 2

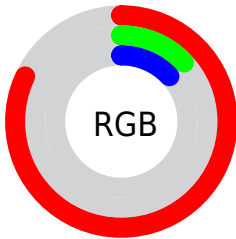
Format	Color
RYB	208, 34, 34
Decimal	13640226
CIELab	45.18, 64.47, 45.56
CIElCh	45, 78.942, 35.246
Yxy	14.6694, 0.6043, 0.3299
Android (android.graphics.Color)	4291830306 (0xFFD02222)
YUV	86.0260, -25.6488, 106.9712
Hunter-Lab	38.3007, 58.2159, 22.2772

Details

The Hex color **D02222** 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 **22D0D0**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6251**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D00D0D**, and if you desaturate by 10%, it is **D03737**.

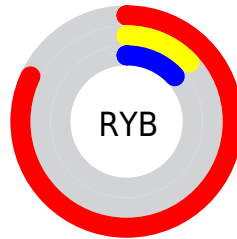
Distribution



Red (82%)

Green (13%)

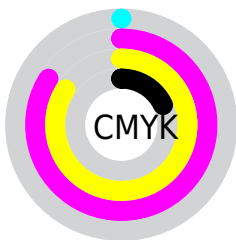
Blue (13%)



Red (82%)

Yellow (13%)

Blue (13%)

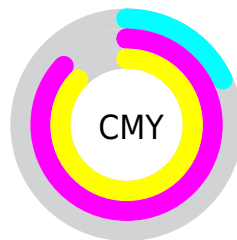


Cyan (0%)

Magenta (84%)

Yellow (84%)

Black (18%)



Cyan (18%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D02222 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 D02222 by changing the saturation by 10% instead.

 D02222

 D02222

FFFFFF

 B0000B

 FF6251

 900000

 FF7F69

 710000

 FF9C83

 520001

 FFB99D

 350002

 FFD6B8

 020000

 FFF4D4

 000000

 FFFFF1

 D02222

 D02222

 D00D0D

 D03737

 D00000

 D04C4C

 D06060

 D07575

 D08A8A

 D09F9F

 D0B4B4

 D0C8C8

 D0DDDD

Harmonies

Analogous

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



DA0063



D02222



AD5100

Triad

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



D02222



00832E



0071F1

Complementary

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



D02222



22D0D0

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.



0080E4



D02222



008675

Square

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



D02222



2C7B00



0085B6



7352D8

Rectangle

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



D02222



8C6500



0085B6



0077F1

Sweetspot

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



D02222



FFBFBF



D022D0



805959



000000



808080

Same Dimension

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



D02222



FF0000



D07922



695E5E



A80000



290000

Inverse Universe

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



22D0D0



00FFFF



2279D0



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D02222 looks on a white background.

Color Contrast Check

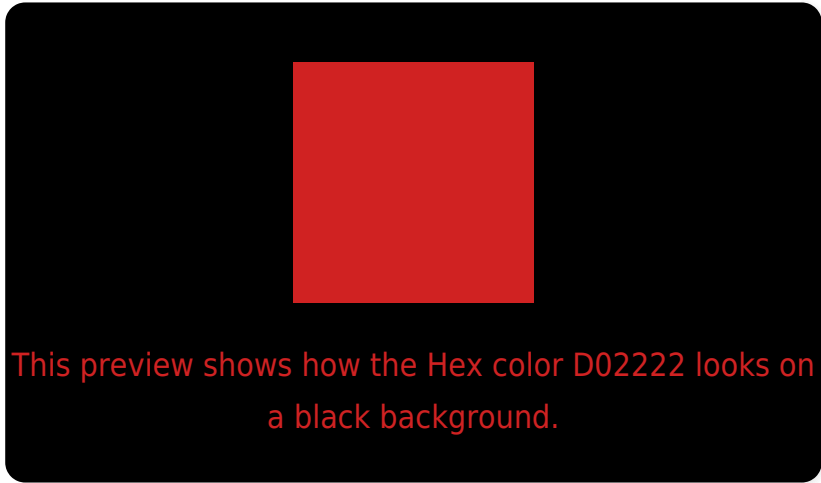
Large Text (above 18pt) WCAG AA ✓ Pass

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 D02222 Background



This preview shows how black text looks on a background with the Hex color D02222.



This preview shows how white text looks on a background with the Hex color D02222.

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

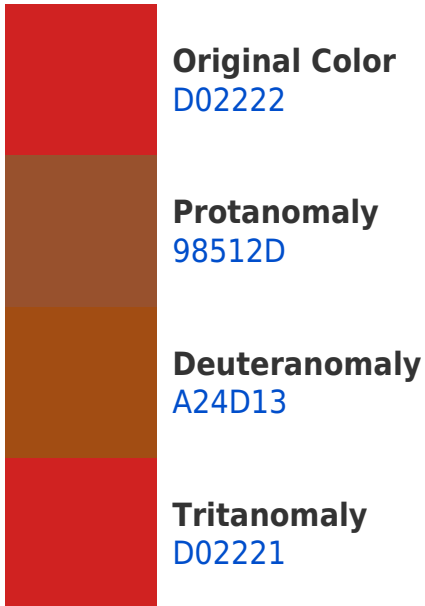


Original Color
D02222

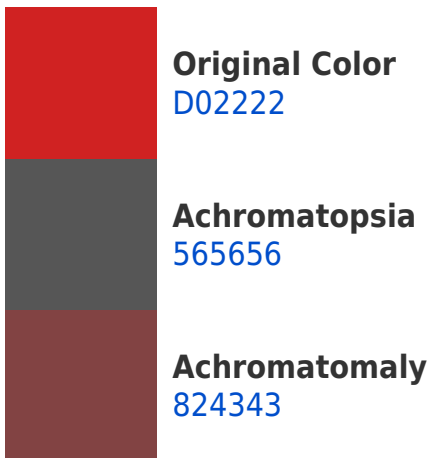
Protanopia
786C34

Deuteranopia
88660B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D02222 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 #D02222 looks like.

```
.text, #text, p{  
    color:#D02222  
}
```

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 #D02222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02222
}
```

Border

The CSS property to change the border of an element to Hex D02222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

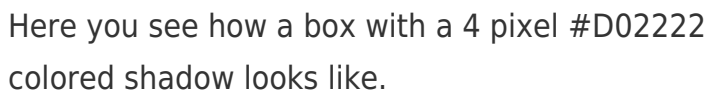
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D02222 }
```

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

```
.border{ border-color:#D02222 }
```

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



Here you see how a box with a 4 pixel #D02222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02222; -webkit-box-shadow:4px 4px  
4px 4px #D02222; box-shadow:4px 4px 4px  
4px #D02222 }
```

Background

The CSS property to change the background color of an element to Hex D02222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02222 }
```

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

```
.background{ background-color:#D02222 }
```

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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