

Converting Colors

Hex(D02F31)

Have a look what the booklet for
Hex(D02F31) contains.

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Color

Hex(D02F31)

Conversions

Conversions Part 1

Format	Color
Hex	D02F31
RGB	208, 47, 49
RGB Percent	82%, 18%, 19%
CMY	0.1843, 0.8157, 0.8078
CMYK	0.00, 0.77, 0.76, 0.18
HSL	359°, 63%, 50%
HSV	359°, 77%, 82%
XYZ	27.5833, 15.6647, 4.4755
YIQ	95.3670, 95.3140, 34.7540

Conversions

Conversions Part 2

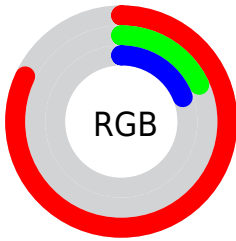
Format	Color
R _Y B	208, 47, 49
Decimal	13643569
CIE Lab	46.53, 61.50, 38.79
CIE LCh	47, 72.713, 32.240
Yxy	15.6647, 0.5780, 0.3282
Android (android.graphics.Color)	4291833649 (0xFFD02F31)
YUV	95.3670, -22.8589, 98.7791
Hunter-Lab	39.5786, 55.1384, 21.0006

Details

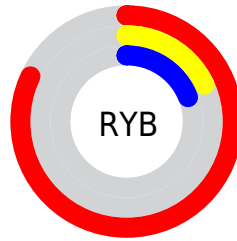
The Hex color **D02F31** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2FD0CE**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6B60**, and **910004** is the 20% darker color. If you saturate the color by 10%, you get **D01A1C**, and if you desaturate by 10%, it is **D04446**.

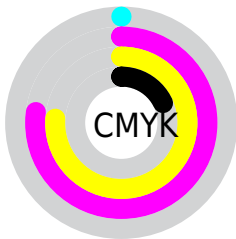
Distribution



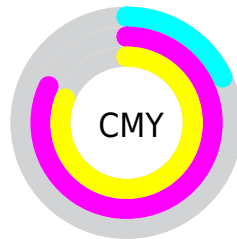
- Red (82%)
- Green (18%)
- Blue (19%)



- Red (82%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D02F31 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 D02F31 by changing the saturation by 10% instead.

 D02F31

 D02F31

FFFFFF

 B0001B

 FF6B60

 910004

 FF8779

 720000

 FFA493

 530001

 FFC1AE

 370002

 FFDEC9

 090000

 FFFCE5

 000000

 D02F31

 D02F31

 D01A1C

 D04446

 D00508

 D0595A

 D00003

 D06D6F

 D08283

 D09798

 D0ACAC

 D0C1C1

 D0D5D5

 D0EAEA

Harmonies

Analogous

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



D5106C



D02F31



B15400

Triad

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



D02F31



008430



0075EA

Complementary

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



D02F31



2FDOCE

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.



0083DB



D02F31



008871

Square

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



D02F31



427D00



0088AE



6D5BD7

Rectangle

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



D02F31



936600



0088AE



007BE9

Sweetspot

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



D02F31



FFC4C5



CD2FD0



805C5C



000000



808080

Same Dimension

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



D02F31



FF1215



D07D2F



695E5E



A80002



290001

Inverse Universe

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



D02F31



FF1215



2F82D0



695E5E



A80002



290001

Previews

White Background



This preview shows how the Hex color D02F31 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 D02F31 Background



This preview shows how black text looks on a background with the Hex color D02F31.



This preview shows how white text looks on a background with the Hex color D02F31.

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

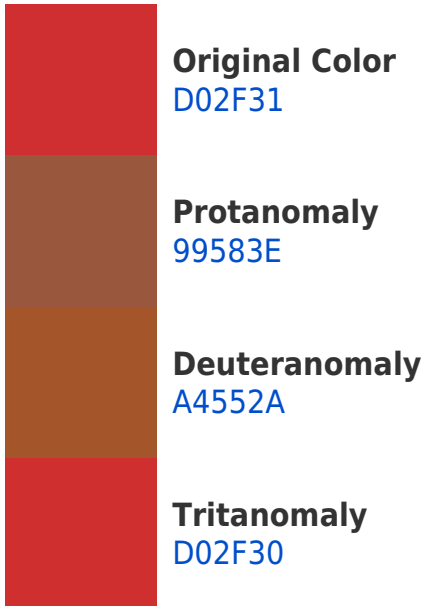


Original Color
D02F31

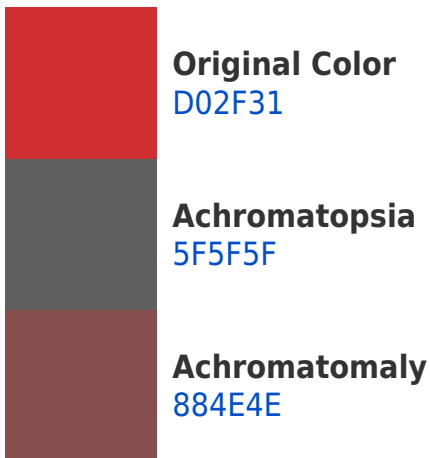
Protanopia
796F45

Deuteranopia
8B6A26

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D02F31 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 #D02F31 looks like.

```
.text, #text, p{  
    color:#D02F31  
}
```

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 #D02F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02F31
}
```

Border

The CSS property to change the border of an element to Hex D02F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

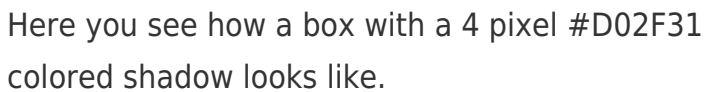
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D02F31 }
```

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

```
.border{ border-color:#D02F31 }
```

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



Here you see how a box with a 4 pixel `#D02F31` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02F31; -webkit-box-shadow:4px 4px  
4px 4px #D02F31; box-shadow:4px 4px 4px  
4px #D02F31 }
```

Background

The CSS property to change the background color of an element to Hex D02F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02F31 }
```

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

```
.background{ background-color:#D02F31 }
```

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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