

Converting Colors

Hex(D02F54)

Have a look what the booklet for
Hex(D02F54) contains.

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Color

Hex(D02F54)

Conversions

Conversions Part 1

Format	Color
Hex	D02F54
RGB	208, 47, 84
RGB Percent	82%, 18%, 33%
CMY	0.1843, 0.8157, 0.6706
CMYK	0.00, 0.77, 0.60, 0.18
HSL	346°, 63%, 50%
HSV	346°, 77%, 82%
XYZ	28.6292, 16.0830, 9.9829
YIQ	99.3570, 84.0790, 45.6390

Conversions

Conversions Part 2

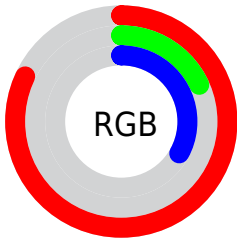
Format	Color
RYB	208, 47, 84
Decimal	13643604
CIELab	47.08, 63.26, 18.58
CIELCh	47, 65.928, 16.369
Yxy	16.0830, 0.5234, 0.2940
Android (android.graphics.Color)	4291833684 (0xFFD02F54)
YUV	99.3570, -7.5710, 95.2799
Hunter-Lab	40.1036, 57.2461, 13.3136

Details

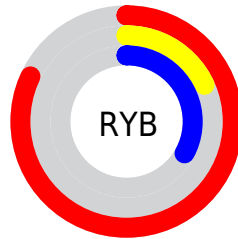
The Hex color **D02F54** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **2FD0AB**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6C85**, and **930028** is the 20% darker color. If you saturate the color by 10%, you get **D01A44**, and if you desaturate by 10%, it is **D04464**.

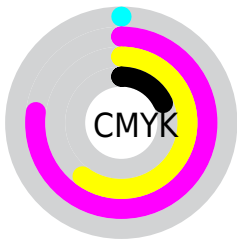
Distribution



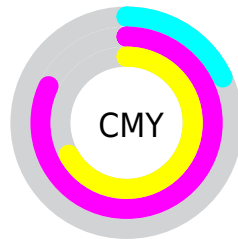
- Red (82%)
- Green (18%)
- Blue (33%)



- Red (82%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (77%)
- Yellow (60%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D02F54 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 D02F54 by changing the saturation by 10% instead.

 D02F54

 D02F54

FFFFFF

 B1003D

 FF6C85

 930028

 FF889F

 740014

 FFA5BA

 560001

 FFC2D6

 3A0002

 FFDFE2

 120000

 FFFDFE

 000000

 D02F54

 D02F54

 D01A44

 D04464

 D00534

 D05974

 D00030

 D06D84

 D08294

 D097A4

 D0ACB4

 D0C1C4

 D0D5D4

 D0EAE4

Harmonies

Analogous

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



C5338B



D02F54



C0491F

Triad

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



D02F54



1E8117



007DDC

Complementary

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



D02F54



2FD0AB

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.



0086BF



D02F54



008653

Square

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



D02F54



6B7600



00888D



1C6CDB

Rectangle

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



D02F54



AA5C00



00888D



0081D6

Sweetspot

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



D02F54



FFC4D2



AA2FD0



805C64



000000



808080

Same Dimension

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



D02F54



FF1248



D05A2F



695E60



A80027



290009

Inverse Universe

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



D02F54



FF1248



2FA5D0



695E60



A80027



290009

Previews

White Background



This preview shows how the Hex color D02F54 looks on a white background.

Color Contrast Check

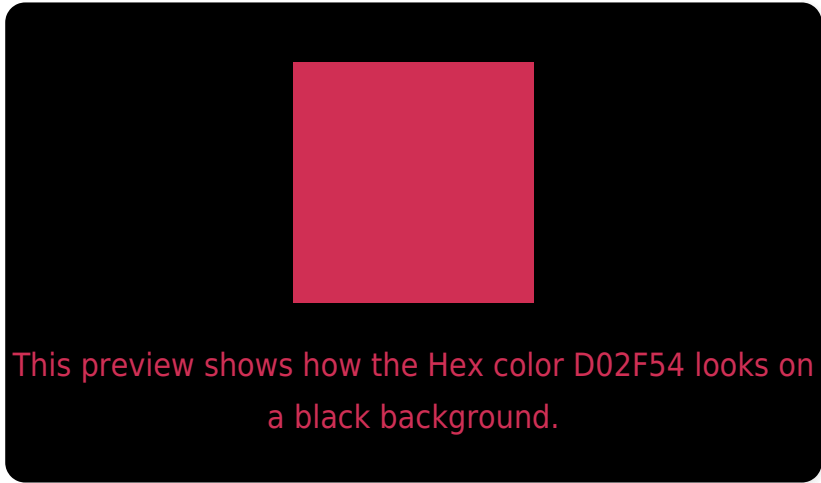
Large Text (above 18pt) WCAG AA ✓ Pass

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 D02F54 Background



This preview shows how black text looks on a background with the Hex color D02F54.



This preview shows how white text looks on a background with the Hex color D02F54.

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

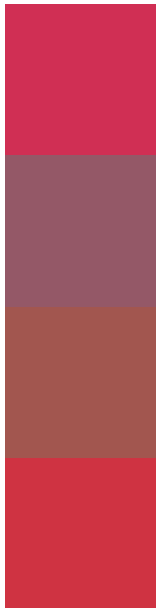


Original Color
D02F54

Protanopia
727072

Deuteranopia
876C4C

Trichromacy



Original Color
D02F54

Protanomaly
945867

Deuteranomaly
A2564F

Tritanomaly
CF3342

Monochromacy



Original Color
D02F54

Achromatopsia
636363

Achromatomaly
8B505E

CSS Examples

Text

The CSS property to change the color of the text to Hex D02F54 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 #D02F54 looks like.

```
.text, #text, p{  
    color:#D02F54  
}
```

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 #D02F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02F54
}
```

Border

The CSS property to change the border of an element to Hex D02F54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

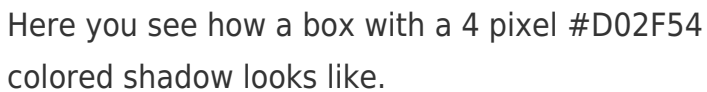
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D02F54 }
```

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

```
.border{ border-color:#D02F54 }
```

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



Here you see how a box with a 4 pixel #D02F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02F54; -webkit-box-shadow:4px 4px  
4px 4px #D02F54; box-shadow:4px 4px 4px  
4px #D02F54 }
```

Background

The CSS property to change the background color of an element to Hex D02F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02F54 }
```

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

```
.background{ background-color:#D02F54 }
```

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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