

Converting Colors

Hex(D4340F)

Have a look what the booklet for
Hex(D4340F) contains.

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Color

Hex(D4340F)

Conversions

Conversions Part 1

Format	Color
Hex	D4340F
RGB	212, 52, 15
RGB Percent	83%, 20%, 6%
CMY	0.1686, 0.7961, 0.9412
CMYK	0.00, 0.75, 0.93, 0.17
HSL	11°, 87%, 45%
HSV	11°, 93%, 83%
XYZ	28.4656, 16.4875, 2.1340
YIQ	95.6220, 107.2370, 22.4130

Conversions

Conversions Part 2

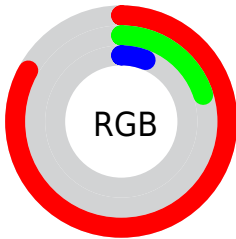
Format	Color
R_{YB}	212, 61, 15
Decimal	13906959
CIE Lab	47.61, 60.36, 55.75
CIE LCh	48, 82.160, 42.726
Yxy	16.4875, 0.6045, 0.3501
Android (android.graphics.Color)	4292097039 (0xFFD4340F)
YUV	95.6220, -39.7466, 102.0635
Hunter-Lab	40.6048, 54.0771, 25.3073

Details

The Hex color **D4340F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0FAFD4**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6F42**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D42800**, and if you desaturate by 10%, it is **D44524**.

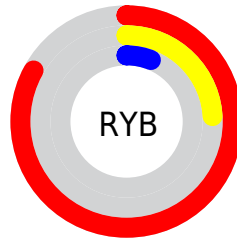
Distribution



Red (83%)

Green (20%)

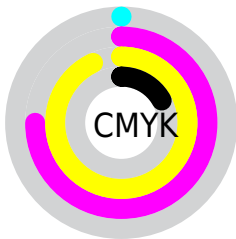
Blue (6%)



Red (83%)

Yellow (24%)

Blue (6%)

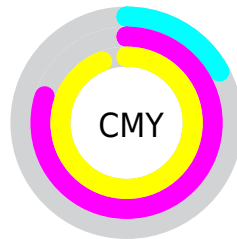


Cyan (0%)

Magenta (75%)

Yellow (93%)

Black (17%)



Cyan (17%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4340F 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 D4340F by changing the saturation by 10% instead.

 D4340F

 D4340F

FFFFFF

 B40A00

 FF6F42

 940000

 FF8B5B

 740000

 FFA775

 560000

 FFC48F

 390002

 FFE1AA

 110000

 FFFFC6

 000000

 FFFF E2

 D4340F

 D4340F

 D42800

 D44524

 D45639

 D4684F

 D47964

 D48A79

 D49B8E

 D4ADA3

 D4BEB9

 D4CFCE

Harmonies

Analogous

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



E60057



D4340F



AA5F00

Triad

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



D4340F



008B45



0071FB

Complementary

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



D4340F



0FAFD4

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.



0084F7



D4340F



008D8E

Square

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



D4340F



008500



008CCF



944CD8

Rectangle

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



D4340F



857100



008CCF



0079FE

Sweetspot

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



D4340F



FFC5B8



D40FB0



805C54



000000



808080

Same Dimension

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



D4340F



FF3000



D4960F



6B6260



AB2000



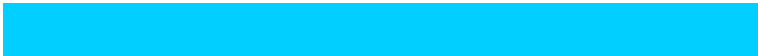
2B0800

Inverse Universe

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



0FAFD4



00CFFF



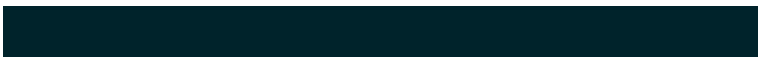
0F4DD4



60696B



008BAB



00232B

Previews

White Background



This preview shows how the Hex color D4340F looks on a white background.

Color Contrast Check

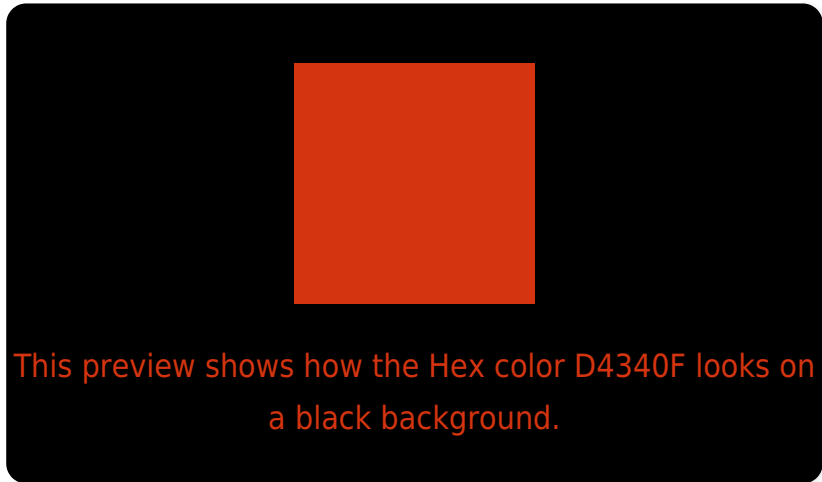
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4340F Background



This preview shows how black text looks on a background with the Hex color D4340F.



This preview shows how white text looks on a background with the Hex color D4340F.

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

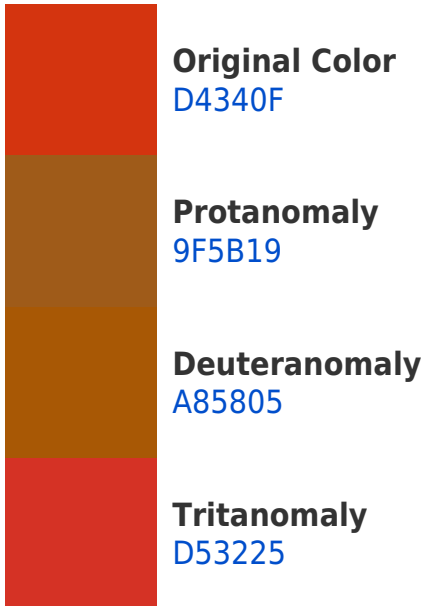


Original Color
D4340F

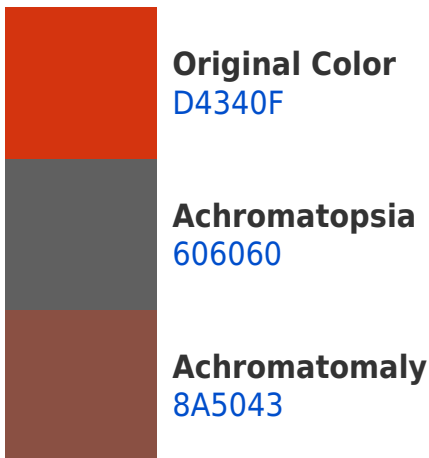
Protanopia
80721E

Deuteranopia
8F6C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4340F 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 #D4340F looks like.

```
.text, #text, p{  
    color:#D4340F  
}
```

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 #D4340F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4340F
}
```

Border

The CSS property to change the border of an element to Hex D4340F is called "border". The border property can be set on classes, ids or directly on the HTML element.

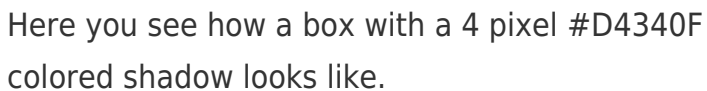
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4340F }
```

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

```
.border{ border-color:#D4340F }
```

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



Here you see how a box with a 4 pixel #D4340F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4340F; -webkit-box-shadow:4px 4px  
4px 4px #D4340F; box-shadow:4px 4px 4px  
4px #D4340F }
```

Background

The CSS property to change the background color of an element to Hex D4340F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4340F }
```

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

```
.background{ background-color:#D4340F }
```

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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