

Converting Colors

Hex(DF540B)

Have a look what the booklet for
Hex(DF540B) contains.

Hex(DF540B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DF540B)

Conversions

Conversions Part 1

Format	Color
Hex	DF540B
RGB	223, 84, 11
RGB Percent	87%, 33%, 4%
CMY	0.1255, 0.6706, 0.9569
CMYK	0.00, 0.62, 0.95, 0.13
HSL	21°, 91%, 46%
HSV	21°, 95%, 87%
XYZ	33.6622, 22.0528, 2.7990
YIQ	117.2390, 106.2770, 6.7650

Conversions

Conversions Part 2

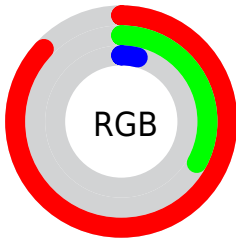
Format	Color
RYB	223, 122, 11
Decimal	14636043
CIELab	54.08, 51.67, 61.81
CIElCh	54, 80.562, 50.102
Yxy	22.0528, 0.5753, 0.3769
Android (android.graphics.Color)	4292826123 (0xFFDF540B)
YUV	117.2390, -52.3758, 92.7524
Hunter-Lab	46.9604, 45.7717, 29.3384

Details

The Hex color **DF540B** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **0B96DF**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8A44**, and **9F1900** is the 20% darker color. If you saturate the color by 10%, you get **DF4D00**, and if you desaturate by 10%, it is **DF6321**.

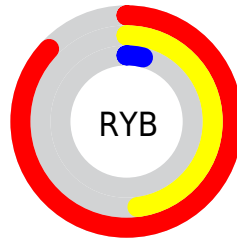
Distribution



Red (87%)

Green (33%)

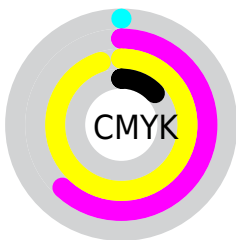
Blue (4%)



Red (87%)

Yellow (48%)

Blue (4%)

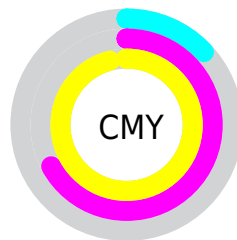


Cyan (0%)

Magenta (62%)

Yellow (95%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF540B 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 DF540B by changing the saturation by 10% instead.

 DF540B

 DF540B

FFFFFF

 BF3800

 FF8A44

 9F1900

 FFA65E

 800000

 FFC278

 610000

 FFDF93

 440001

 FFFCAF

 270001

 FFFFCE

 000000

 FFFFEE

 DF540B

 DF540B

■ DF4D00

■ DF6321

■ DF7138

■ DF804E

■ DF8E64

■ DF9D7A

■ DFAC91

■ DFBA07

■ DF09BD

■ DF08D4

Harmonies

Analogous

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



F72856



DF540B



B07600

Triad

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



DF540B



009D67



3079FF

Complementary

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



DF540B



0B96DF

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.



0091FF



DF540B



009FAF

Square

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



DF540B



009817



009CEC



BC54DC

Rectangle

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



DF540B



888600



009CEC



0083FF

Sweetspot

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



DF540B



FFCFB5



DF0B98



806253



000000



808080

Same Dimension

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



DF540B



FF5800



DFBC0B



706965



B03D00



301100

Inverse Universe

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



0B96DF



00A7FF



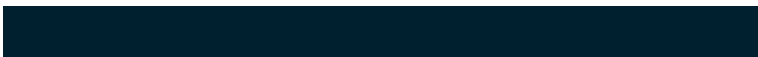
0B2EDF



656C70



0073B0



002030

Previews

White Background



This preview shows how the Hex color DF540B looks on a white background.

Color Contrast Check

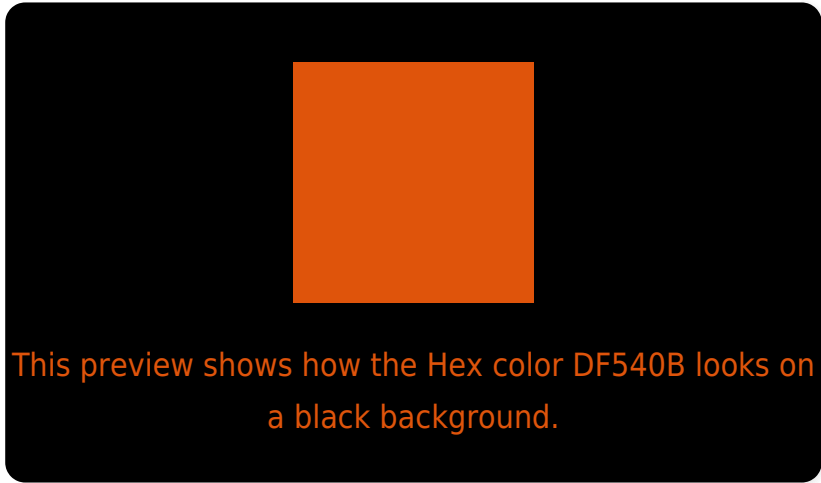
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DF540B Background



This preview shows how black text looks on a background with the Hex color DF540B.



This preview shows how white text looks on a background with the Hex color DF540B.

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
DF540B

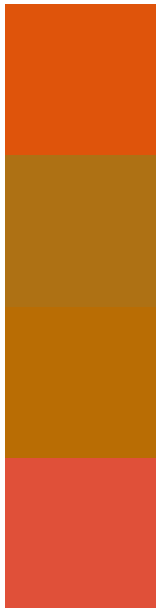
Protanopia
928219

Deuteranopia
A47B00



Tritanopia
E14E53

Trichromacy



Original Color
DF540B

Protanomaly
AE7114

Deuteranomaly
B96D04

Tritanomaly
E05039

Monochromacy



Original Color
DF540B

Achromatopsia
757575

Achromatomaly
9C694E

CSS Examples

Text

The CSS property to change the color of the text to Hex DF540B 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 #DF540B looks like.

```
.text, #text, p{  
    color:#DF540B  
}
```

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 #DF540B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF540B
}
```

Border

The CSS property to change the border of an element to Hex DF540B 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".

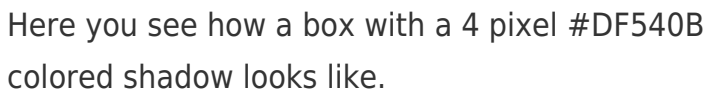
```
.border, #border, table{ border:4px solid
#DF540B }
```

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

```
.border{ border-color:#DF540B }
```

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

Here you see how a box with a 4 pixel #DF540B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF540B; -webkit-box-shadow:4px 4px  
4px 4px #DF540B; box-shadow:4px 4px 4px  
4px #DF540B }
```

Background

The CSS property to change the background color of an element to Hex DF540B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF540B }
```

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

```
.background{ background-color:#DF540B }
```

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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