

# Converting Colors

Hex(DF4834)

Have a look what the booklet for  
Hex(DF4834) contains.

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**Color**

**Hex(DF4834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF4834
RGB	223, 72, 52
RGB Percent	87%, 28%, 20%
CMY	0.1255, 0.7176, 0.7961
CMYK	0.00, 0.68, 0.77, 0.13
HSL	7°, 73%, 54%
HSV	7°, 77%, 87%
XYZ	33.3686, 20.5706, 5.4606
YIQ	114.8690, 96.4160, 25.7920

# Conversions

## Conversions Part 2

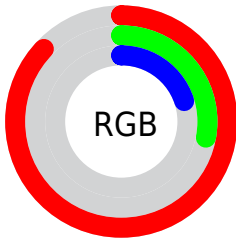
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">223, 75, 52</a>
Decimal	<a href="#">14633012</a>
CIELab	<a href="#">52.48, 57.57, 44.31</a>
CIElCh	<a href="#">52, 72.645, 37.584</a>
Yxy	<a href="#">20.5706, 0.5618, 0.3463</a>
Android (android.graphics.Color)	<a href="#">4292823092 (0xFFDF4834)</a>
YUV	<a href="#">114.8690, -30.9944, 94.8309</a>
Hunter-Lab	<a href="#">45.3549, 51.9556, 24.6100</a>

# Details

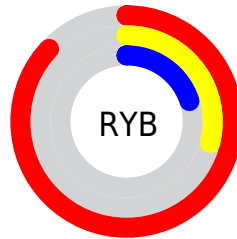
The Hex color **DF4834** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34CBDF**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8064**, and **A00006** is the 20% darker color. If you saturate the color by 10%, you get **DF341E**, and if you desaturate by 10%, it is **DF5C4A**.

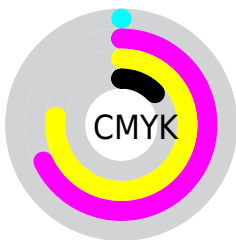
# Distribution



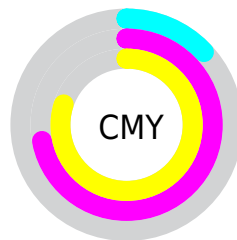
- Red (87%)
- Green (28%)
- Blue (20%)



- Red (87%)
- Yellow (29%)
- Blue (20%)



- Cyan (0%)
- Magenta (68%)
- Yellow (77%)
- Black (13%)



- Cyan (13%)
- Magenta (72%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF4834 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 DF4834 by changing the saturation by 10% instead.



 DF4834

 DF4834

FFFFFF

 BF291D

 FF8064

 A00006

 FF9C7D

 810000

 FFB998

 620000

 FFD6B3

 450002

 FFF3CE

 270001

 FFFFEB

 000000

 DF4834

 DF4834

 DF341E

 DF5C4A

■ DF2107

■ DF6F61

■ DF1A00

■ DF8377

■ DF978D

■ DFAAA3

■ DFBEBA

■ DFD2D0

■ DFE6E6

■ DFF9FD

# Harmonies

## Analogous

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



E92F70



DF4834



BC6800

# Triad

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



DF4834



00954A



0080FA

# Complementary

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



DF4834



34CBDF

# 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.



0090F1



DF4834



00988C

# Square

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



DF4834



448E00



0097C8



9064E1

# Rectangle

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



DF4834



9C7900



0097C8



0087FB



# Sweetspot

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



DF4834



FFCBC4



DF34CB



80605C



000000



808080



# Same Dimension

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



DF4834



FF3014



DF9D34



706665



B01500



300600

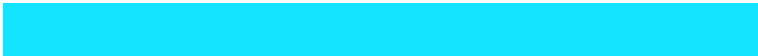


# Inverse Universe

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



34CBDF



14E4FF



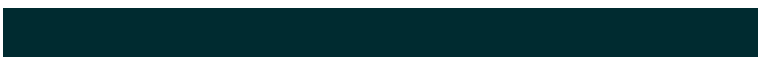
3476DF



656F70



009BB0

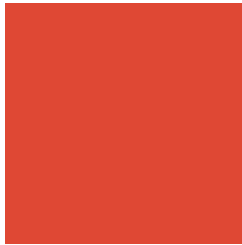


002B30



# Previews

## White Background



This preview shows how the Hex color DF4834 looks on a white background.

## Color Contrast Check

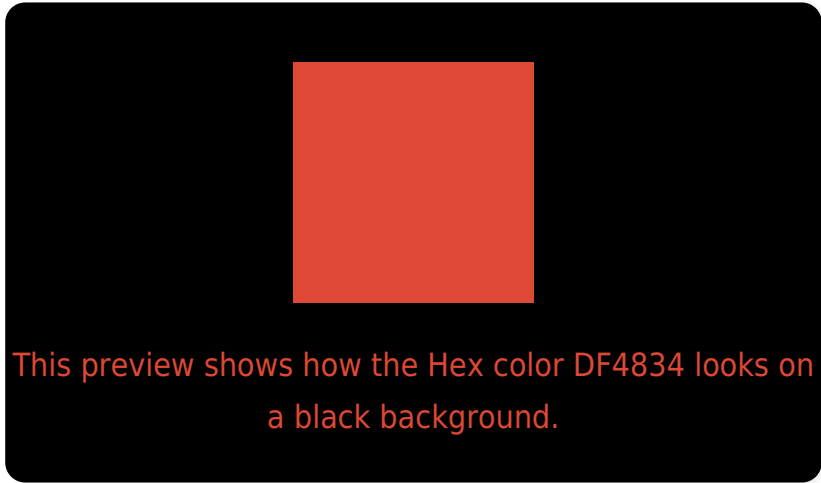
Large Text (above 18pt) WCAG AA ✓ Pass

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

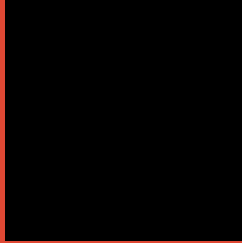
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DF4834 Background



This preview shows how black text looks on a background with the Hex color DF4834.

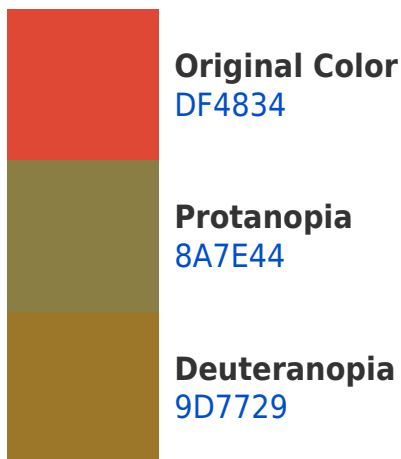



This preview shows how white text looks on a background with the Hex color DF4834.

# 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](#).

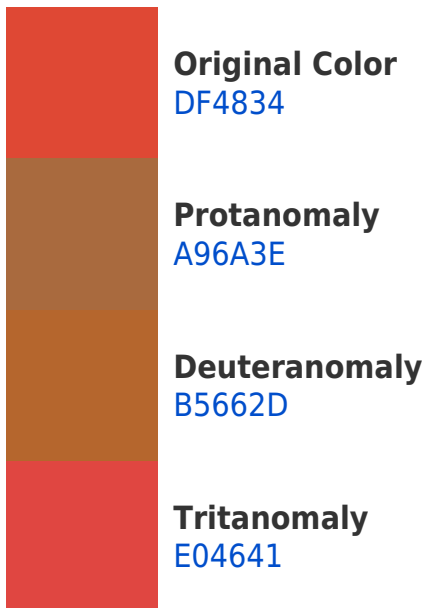
## Dichromacy



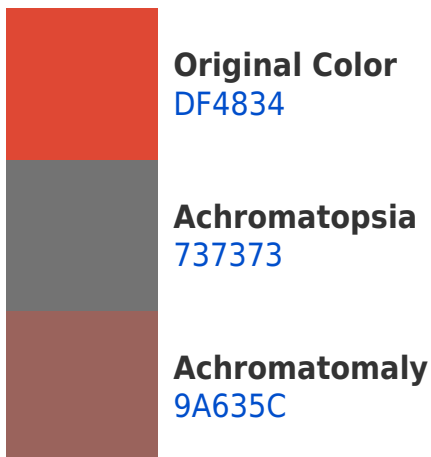


**Tritanopia**  
E04549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF4834 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 #DF4834 looks like.

```
.text, #text, p{  
  color:#DF4834  
}
```

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 #DF4834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF4834  
}
```

## Border

The CSS property to change the border of an element to Hex DF4834 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  
#DF4834 }
```

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

```
.border{ border-color:#DF4834 }
```

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

Here you see how a box with a 4 pixel #DF4834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF4834; -webkit-box-shadow:4px 4px  
4px 4px #DF4834; box-shadow:4px 4px 4px  
4px #DF4834 }
```

# Background

The CSS property to change the background color of an element to Hex DF4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF4834 }
```

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

```
.background{ background-color:#DF4834 }
```

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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