

# Converting Colors

Hex(DF4020)

Have a look what the booklet for  
Hex(DF4020) contains.

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**Color**

**Hex(DF4020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF4020
RGB	223, 64, 32
RGB Percent	87%, 25%, 13%
CMY	0.1255, 0.7490, 0.8745
CMYK	0.00, 0.71, 0.86, 0.13
HSL	10°, 75%, 50%
HSV	10°, 86%, 87%
XYZ	32.5255, 19.4591, 3.4082
YIQ	107.8930, 105.0360, 23.7560

# Conversions

## Conversions Part 2

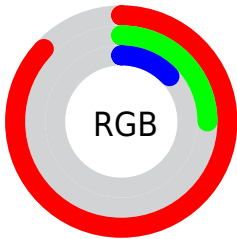
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 70, 32
Decimal	14630944
CIE <sub>Lab</sub>	51.22, 59.99, 52.87
CIE <sub>LCh</sub>	51, 79.959, 41.389
Yxy	19.4591, 0.5872, 0.3513
Android (android.graphics.Color)	4292821024 (0xFFDF4020)
YUV	107.8930, -37.4152, 100.9488
Hunter-Lab	44.1124, 54.4172, 26.2979

# Details

The Hex color **DF4020** 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 **20BFDF**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7951**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **DF2D0A**, and if you desaturate by 10%, it is **DF5336**.

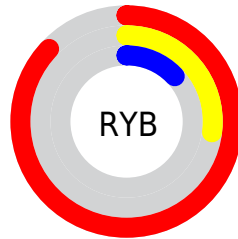
# Distribution



Red (87%)

Green (25%)

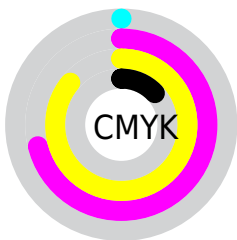
Blue (13%)



Red (87%)

Yellow (27%)

Blue (13%)

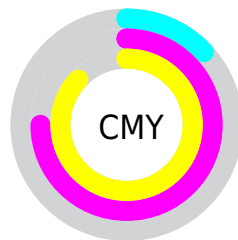


Cyan (0%)

Magenta (71%)

Yellow (86%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF4020 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 DF4020 by changing the saturation by 10% instead.



 DF4020

 DF4020

FFFFFF

 BF1E05

 FF7951

 9F0000

 FF966A

 7F0000

 FFB284

 600000

 FFCF9E

 440002

 FFECBA

 240001

 FFFFD6

 000000

 FFFFF3

 DF4020

 DF4020

■ DF2D0A

■ DF5336

■ DF2500

■ DF654D

■ DF7863

■ DF8A79

■ DF9D90

■ DFAFA6

■ DFC2BC

■ DFD5D2

■ DFE7E9

# Harmonies

## Analogous

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



EF0A63



DF4020



B66700

# Triad

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



DF4020



00944B



007AFF

# Complementary

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



DF4020



20BFDf

# 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.



008EFD



DF4020



009793

# Square

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



DF4020



238D00



0096D4



9A59E2

# Rectangle

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



DF4020



927900



0096D4



0082FF



# Sweetspot

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



DF4020



FFC8BD



DF20BF



805F58



000000



808080



# Same Dimension

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



DF4020



FF2B00



DF9F20



706765



B01D00



300800

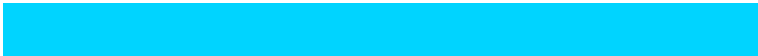


# Inverse Universe

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



20BDFD



00D4FF



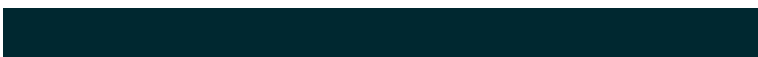
2060DF



656E70



0092B0



002830



# Previews

## White Background



This preview shows how the Hex color DF4020 looks on a white background.

## Color Contrast Check

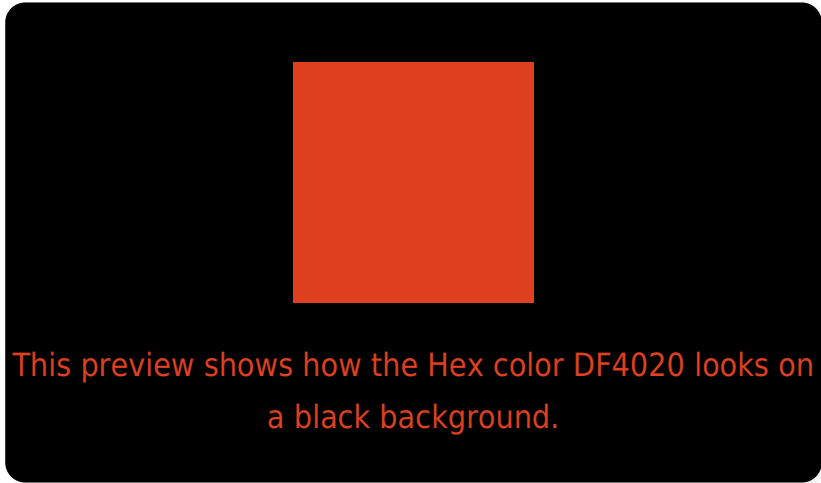
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF4020 Background



This preview shows how black text looks on a background with the Hex color DF4020.

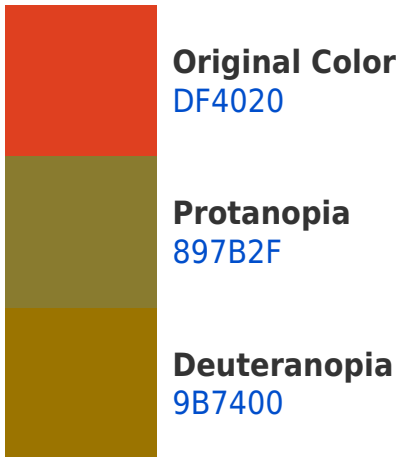


This preview shows how white text looks on a background with the Hex color DF4020.

# 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](#).

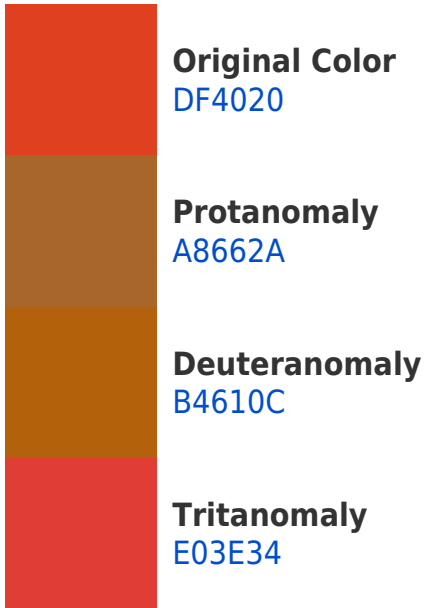
## Dichromacy



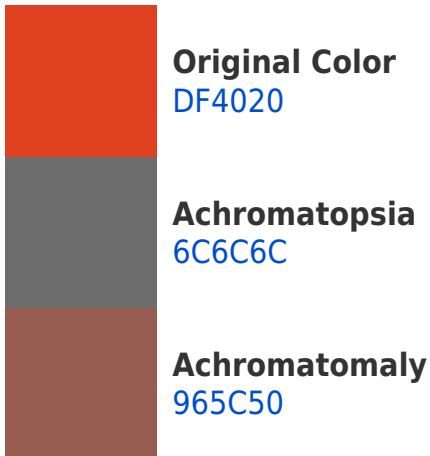


**Tritanopia**  
E03D3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF4020 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 #DF4020 looks like.

```
.text, #text, p{  
    color:#DF4020  
}
```

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 #DF4020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF4020  
}
```

## Border

The CSS property to change the border of an element to Hex DF4020 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  
#DF4020 }
```

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

```
.border{ border-color:#DF4020 }
```

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

Here you see how a box with a 4 pixel #DF4020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF4020; -webkit-box-shadow:4px 4px  
4px 4px #DF4020; box-shadow:4px 4px 4px  
4px #DF4020 }
```

# Background

The CSS property to change the background color of an element to Hex DF4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF4020 }
```

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

```
.background{ background-color:#DF4020 }
```

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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