

# Converting Colors

Hex(DF863C)

Have a look what the booklet for  
Hex(DF863C) contains.

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**Color**

**Hex(DF863C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF863C
RGB	223, 134, 60
RGB Percent	87%, 53%, 24%
CMY	0.1255, 0.4745, 0.7647
CMYK	0.00, 0.40, 0.73, 0.13
HSL	27°, 72%, 55%
HSV	27°, 73%, 87%
XYZ	39.7721, 33.0644, 8.5608
YIQ	152.1750, 76.7980, -4.1460

# Conversions

## Conversions Part 2

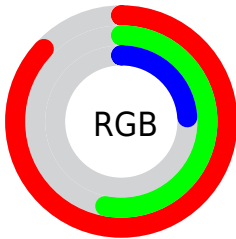
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 196, 60
Decimal	14648892
CIE Lab	64.21, 28.24, 52.62
CIE LCh	64, 59.715, 61.781
Yxy	33.0644, 0.4886, 0.4062
Android (android.graphics.Color)	4292838972 (0xFFDF863C)
YUV	152.1750, -45.4423, 62.1135
Hunter-Lab	57.5017, 22.8350, 31.4241

# Details

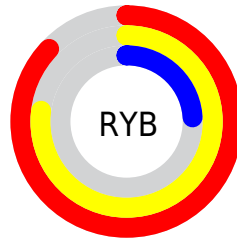
The Hex color **DF863C** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **3C95DF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBC6F**, and **A25303** is the 20% darker color. If you saturate the color by 10%, you get **DF7A26**, and if you desaturate by 10%, it is **DF9252**.

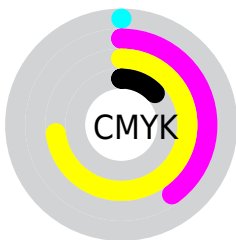
# Distribution



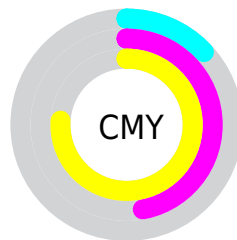
- Red (87%)
- Green (53%)
- Blue (24%)



- Red (87%)
- Yellow (77%)
- Blue (24%)



- Cyan (0%)
- Magenta (40%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF863C 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 DF863C by changing the saturation by 10% instead.



 DF863C

 DF863C

FFFFFF

 C06C22

 FFBC6F

 A25303

 FFD88A

 853B00

 FFF4A5

 682400

 FFFFC0

 4B0C00

 FFFFDD

 310000

 FFFFFA

 090000

 000000

 DF863C

 DF863C

DF7A26

DF9252

DF6E0F

DF9E69

DF6500

DFAB7F

DFB795

DFC3AC

DFCFC2

DFDBD8

DFE7EE

DFF4FF

# Harmonies

## Analogous

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



F97267



DF863C



B59A26

# Triad

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



DF863C



00B59D



A18CF7

# Complementary

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



DF863C



3C95DF

# 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.



00A1FF



DF863C



00B4D2

# Square

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



DF863C



29B167



00AEF9



DF76CF

# Rectangle

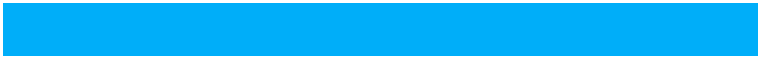
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF863C



92A52F



00AEF9



8394FF



# Sweetspot

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



DF863C



FFE0C7



DF3C96



806D5E



000000



808080



# Same Dimension

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



DF863C



FF841F



DFD73C



706A65



B05000



301600



# Inverse Universe

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



3C95DF



1F99FF



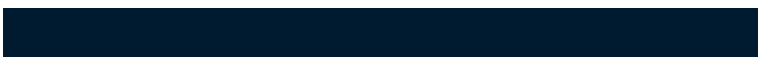
3C44DF



656B70



0060B0



001A30



# Previews

## White Background



This preview shows how the Hex color DF863C looks on a white background.

## Color Contrast Check

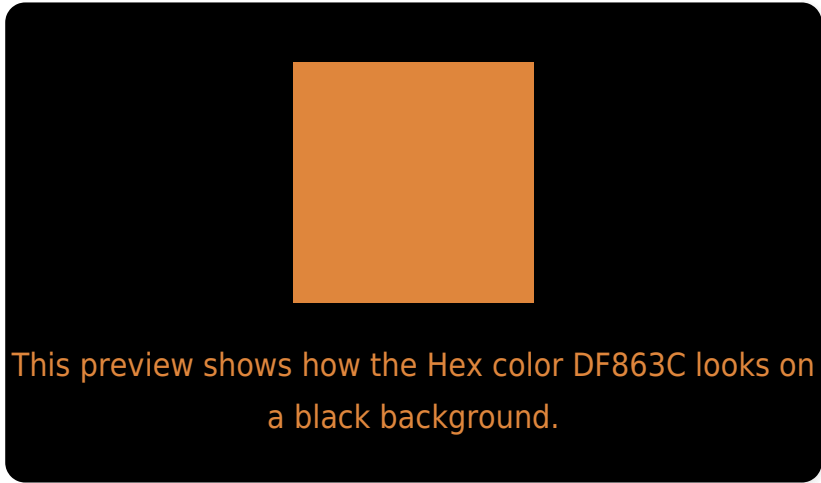
Large Text (above 18pt) WCAG AA × Fail

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

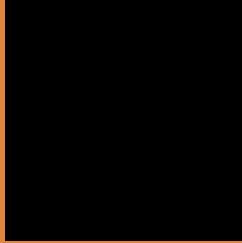
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DF863C Background



This preview shows how black text looks on a background with the Hex color DF863C.



This preview shows how white text looks on a background with the Hex color DF863C.

# 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](#).

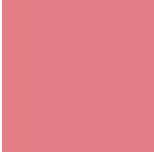
## Dichromacy



**Original Color**  
DF863C

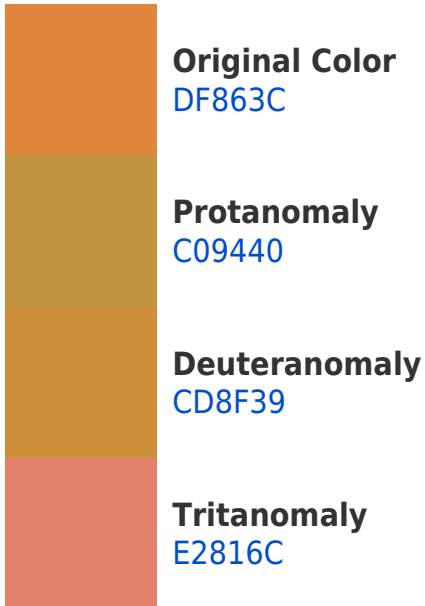
**Protanopia**  
AE9C42

**Deuteranopia**  
C39438



**Tritanopia**  
E37E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF863C 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 #DF863C looks like.

```
.text, #text, p{  
    color:#DF863C  
}
```

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 #DF863C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF863C }  
}
```

## Border

The CSS property to change the border of an element to Hex DF863C 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 #DF863C }  
}
```

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

```
.border{ border-color:#DF863C }
```

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

Here you see how a box with a 4 pixel #DF863C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF863C; -webkit-box-shadow:4px 4px  
4px 4px #DF863C; box-shadow:4px 4px 4px  
4px #DF863C }
```

# Background

The CSS property to change the background color of an element to Hex DF863C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF863C }
```

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

```
.background{ background-color:#DF863C }
```

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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