

# Converting Colors

Hex(DF663A)

Have a look what the booklet for  
Hex(DF663A) contains.

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# Color

**Hex(DF663A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF663A
RGB	223, 102, 58
RGB Percent	87%, 40%, 23%
CMY	0.1255, 0.6000, 0.7725
CMYK	0.00, 0.54, 0.74, 0.13
HSL	16°, 72%, 55%
HSV	16°, 74%, 87%
XYZ	35.9465, 25.4962, 7.0297
YIQ	133.1630, 86.2400, 11.9680

# Conversions

## Conversions Part 2

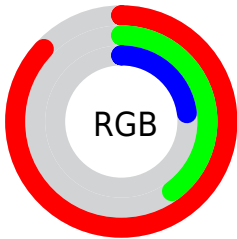
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 118, 58
Decimal	14640698
CIE <sub>Lab</sub>	57.56, 44.53, 46.59
CIE <sub>LCh</sub>	58, 64.448, 46.291
Yxy	25.4962, 0.5250, 0.3724
Android (android.graphics.Color)	4292830778 (0xFFDF663A)
YUV	133.1630, -37.0554, 78.7870
Hunter-Lab	50.4938, 38.7101, 27.0914

# Details

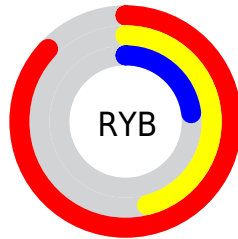
The Hex color **DF663A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3AB3DF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9C6B**, and **A13108** is the 20% darker color. If you saturate the color by 10%, you get **DF5624**, and if you desaturate by 10%, it is **DF7650**.

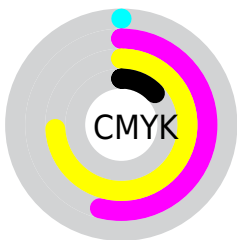
# Distribution



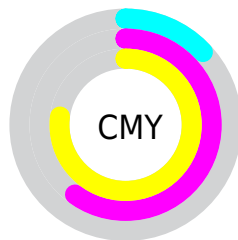
- Red (87%)
- Green (40%)
- Blue (23%)



- Red (87%)
- Yellow (46%)
- Blue (23%)



- Cyan (0%)
- Magenta (54%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF663A 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 DF663A by changing the saturation by 10% instead.



 DF663A

 DF663A

FFFFFF

 C04C22

 FF9C6B

 A13108

 FFB785

 831400

 FFD4A0

 650000

 FFF1BB

 480000

 FFFFD7

 2E0002

 FFFFF4

 000000

 DF663A

 DF663A

 DF5624

 DF7650

 DF450D

 DF8767

 DF3B00

 DF977D

 DFA793

 DFB8A9

 DFC8C0

 DFD8D6

 DFE9EC

 DFF9FF

# Harmonies

## Analogous

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



EF526E



DF663A



BB7E05

# Triad

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



DF663A



00A36E



5086F7

# Complementary

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



DF663A



3AB3DF

# 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.



0098F8



DF663A



00A4A8

# Square

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



DF663A



449D36



00A1DB



B36DD9

# Rectangle

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



DF663A



9A8B00



00A1DB



008DFB



# Sweetspot

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



DF663A



FFD6C7



DF3AB3



80675E



000000



808080



# Same Dimension

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



DF663A



FF591C



DFB93A



706865



B02F00



300D00



# Inverse Universe

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



3AB3DF



1CC2FF



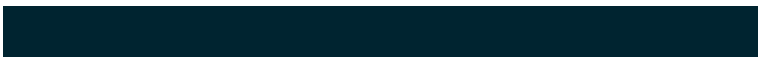
3A60DF



656D70



0081B0

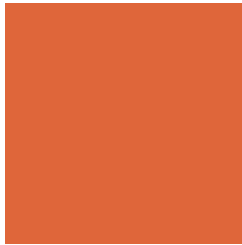


002430



# Previews

## White Background



This preview shows how the Hex color DF663A looks on a white background.

## Color Contrast Check

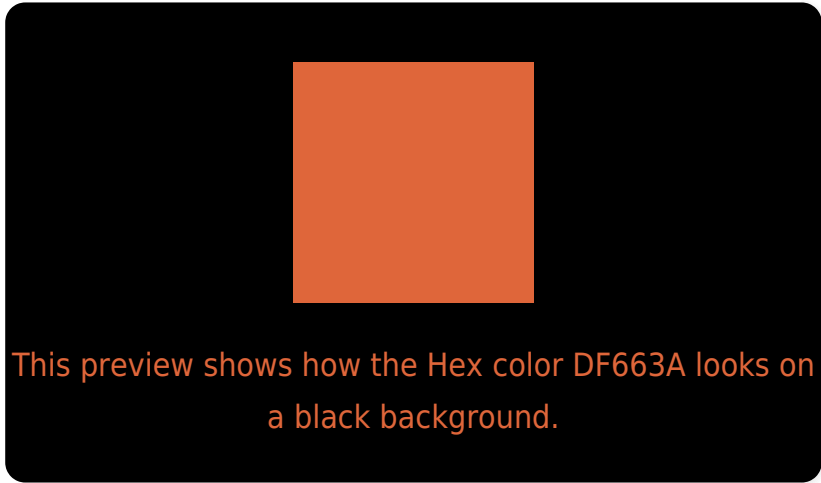
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF663A Background



This preview shows how black text looks on a background with the Hex color DF663A.



This preview shows how white text looks on a background with the Hex color DF663A.

# 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**  
DF663A

**Protanopia**  
998B45

**Deuteranopia**  
AD8432



**Tritanopia**  
E16167

# Trichromacy



**Original Color**  
DF663A

**Protanomaly**  
B27E41

**Deuteranomaly**  
BF7935

**Tritanomaly**  
E06357

# Monochromacy



**Original Color**  
DF663A

**Achromatopsia**  
858585

**Achromatomaly**  
A67A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF663A 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 #DF663A looks like.

```
.text, #text, p{  
    color:#DF663A  
}
```

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 #DF663A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF663A
}
```

## Border

The CSS property to change the border of an element to Hex DF663A 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
#DF663A }
```

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

```
.border{ border-color:#DF663A }
```

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

Here you see how a box with a 4 pixel #DF663A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF663A; -webkit-box-shadow:4px 4px  
4px 4px #DF663A; box-shadow:4px 4px 4px  
4px #DF663A }
```

# Background

The CSS property to change the background color of an element to Hex DF663A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF663A }
```

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

```
.background{ background-color:#DF663A }
```

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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