

# Converting Colors

Hex(D2763F)

Have a look what the booklet for  
Hex(D2763F) contains.

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# Color

Hex(D2763F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2763F
RGB	210, 118, 63
RGB Percent	82%, 46%, 25%
CMY	0.1765, 0.5373, 0.7529
CMYK	0.00, 0.44, 0.70, 0.18
HSL	22°, 62%, 54%
HSV	22°, 70%, 82%
XYZ	33.9540, 27.0174, 8.1279
YIQ	139.2380, 72.4870, 2.3990

# Conversions

## Conversions Part 2

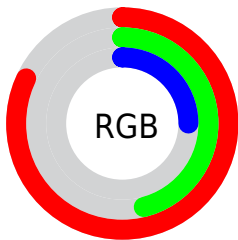
<b>Format</b>	<b>Color</b>
<b>RYB</b>	210, 151, 63
Decimal	13792831
CIELab	58.99, 31.54, 45.08
CIELCh	59, 55.021, 55.022
Yxy	27.0174, 0.4914, 0.3910
Android (android.graphics.Color)	4291982911 (0xFFD2763F)
YUV	139.2380, -37.5853, 62.0583
Hunter-Lab	51.9783, 25.6404, 27.1135

# Details

The Hex color **D2763F** 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 **3F9BD2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAB71**, and **96440D** is the 20% darker color. If you saturate the color by 10%, you get **D2692A**, and if you desaturate by 10%, it is **D28354**.

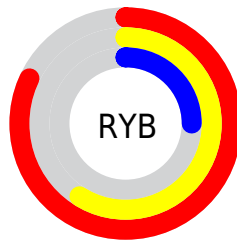
# Distribution



Red (82%)

Green (46%)

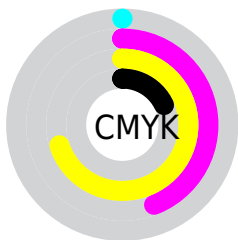
Blue (25%)



Red (82%)

Yellow (59%)

Blue (25%)

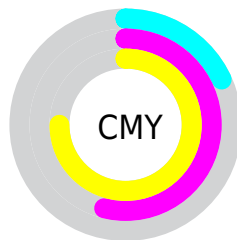


Cyan (0%)

Magenta (44%)

Yellow (70%)

Black (18%)



Cyan (18%)

Magenta (54%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2763F 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 D2763F by changing the saturation by 10% instead.



 D2763F

 D2763F

FFFFFF

 B45D27

 FFAB71

 96440D

 FFC78B

 792C00

 FFE3A6

 5C1400

 FFFFC1

 400000

 FFFFDE

 280001

 FFFFFA

 000000

 D2763F

 D2763F

 D2692A

 D28354

 D25C15

 D29069

 D24F00

 D29D7E

 D2AB93

 D2B8A8

 D2C5BD

 D2D2D2

 D2DFE7

 D2ECFC

# Harmonies

## Analogous

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



E56568



D2763F



AF8926

# Triad

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



D2763F



00A584



8185E6

# Complementary

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



D2763F



3F9BD2

# 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.



0096EE



D2763F



00A5B5

# Square

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



D2763F



40A054



00A0DC



C170C6

# Rectangle

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



D2763F



919328



00A0DC



618BEB



# Sweetspot

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



D2763F



FFDDC9



D23F9C



806C60



000000



808080



# Same Dimension

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



D2763F



FF7929



D2BE3F



69625E



A83F00



290F00



# Inverse Universe

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



3F9BD2



29AFFF



3F53D2



5E6569



0069A8



001A29



# Previews

## White Background



This preview shows how the Hex color D2763F looks on a white background.

## Color Contrast Check

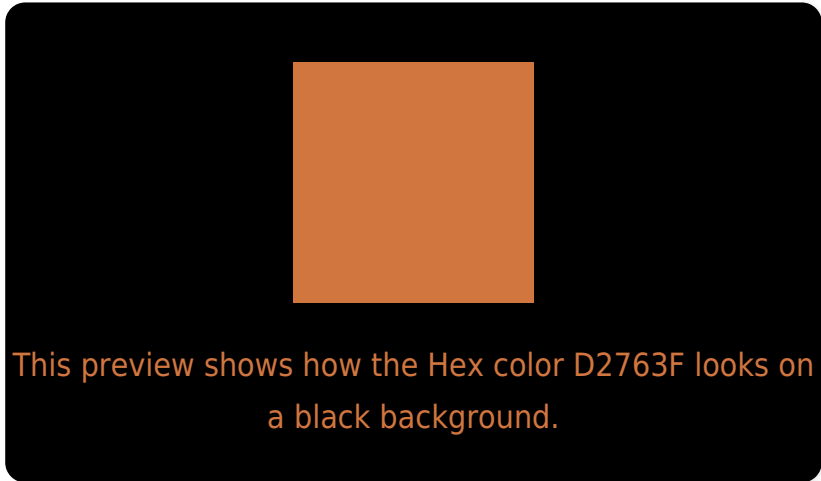
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2763F Background



This preview shows how black text looks on a background with the Hex color D2763F.



This preview shows how white text looks on a background with the Hex color D2763F.

# 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**  
D2763F

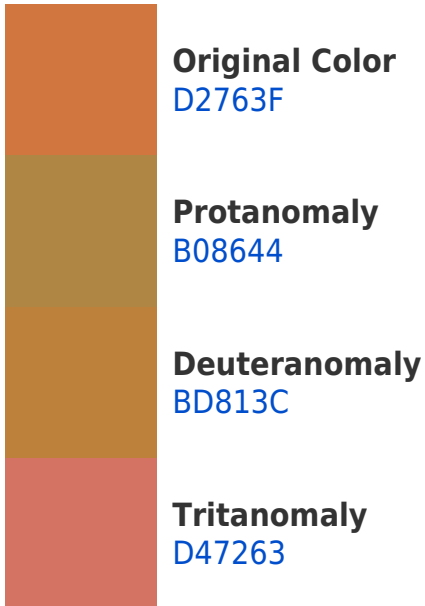
**Protanopia**  
9D8F47

**Deuteranopia**  
B1873B

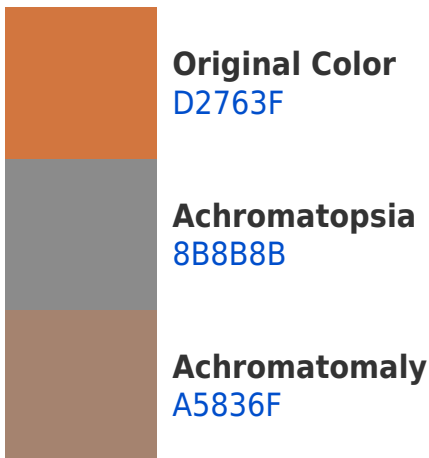


**Tritanopia**  
D57078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2763F 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 #D2763F looks like.

```
.text, #text, p{  
    color:#D2763F  
}
```

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 #D2763F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2763F
}
```

## Border

The CSS property to change the border of an element to Hex D2763F 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
#D2763F }
```

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

```
.border{ border-color:#D2763F }
```

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

Here you see how a box with a 4 pixel #D2763F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2763F; -webkit-box-shadow:4px 4px  
4px 4px #D2763F; box-shadow:4px 4px 4px  
4px #D2763F }
```

# Background

The CSS property to change the background color of an element to Hex D2763F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2763F }
```

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

```
.background{ background-color:#D2763F }
```

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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