

# Converting Colors

Hex(DF7863)

Have a look what the booklet for  
Hex(DF7863) contains.

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**Color**

**Hex(DF7863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF7863
RGB	223, 120, 99
RGB Percent	87%, 47%, 39%
CMY	0.1255, 0.5294, 0.6118
CMYK	0.00, 0.46, 0.56, 0.13
HSL	10°, 66%, 63%
HSV	10°, 56%, 87%
XYZ	39.4000, 30.0218, 15.5226
YIQ	148.4030, 68.1290, 15.3050

# Conversions

## Conversions Part 2

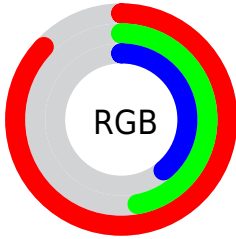
Format	Color
R <sub>Y</sub> B	223, 124, 99
Decimal	14645347
CIE Lab	61.67, 38.01, 29.44
CIE LCh	62, 48.081, 37.755
Yxy	30.0218, 0.4638, 0.3534
Android (android.graphics.Color)	4292835427 (0xFFDF7863)
YUV	148.4030, -24.3557, 65.4216
Hunter-Lab	54.7921, 32.4699, 21.5577

# Details

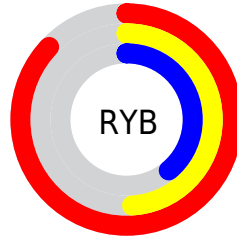
The Hex color **DF7863** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **63CADF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAE96**, and **A34534** is the 20% darker color. If you saturate the color by 10%, you get **DF654D**, and if you desaturate by 10%, it is **DF8B79**.

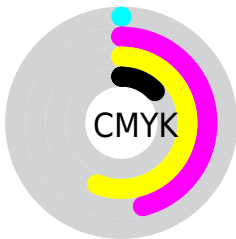
# Distribution



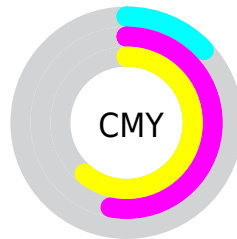
- Red (87%)
- Green (47%)
- Blue (39%)



- Red (87%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (46%)
- Yellow (56%)
- Black (13%)



- Cyan (13%)
- Magenta (53%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF7863 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 DF7863 by changing the saturation by 10% instead.



 DF7863

 DF7863

FFFFFF

 C15E4B

 FFAE96

 A34534

 FFCAB1

 862B1E

 FFE6CC

 6A1008

 FFFFE9

 4D0000

 340001

 060000

 000000

 DF7863

 DF7863

 DF654D

 DF8B79

 DF5336

 DF9D90

 DF4020

 DFB0A6

 DF2E0A

 DFC2BC

 DF2600

 DFD5D3

 DFE7E9

 DFFAFF

 DFFFFFF

# Harmonies

## Analogous

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



E4708B



DF7863



C78745

# Triad

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



DF7863



35A873



5E96E9

# Complementary

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



DF7863



63CADF

# 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.



00A2E3



DF7863



00AA9F

# Square

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



DF7863



76A14F



00A9C8



A785D9

# Rectangle

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



DF7863



B0923D



00A9C8



379AEA

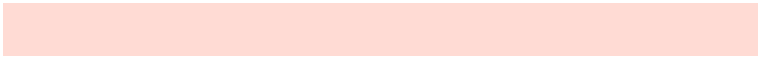


# Sweetspot

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



DF7863



FFDBD4



DF63CA



806A66



000000



808080



# Same Dimension

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



DF7863



FF7154



DFB663



706765



B01E00



300800



# Inverse Universe

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



63CADF



54E2FF



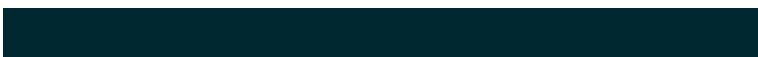
638CDF



656E70



0092B0



002830



# Previews

## White Background



This preview shows how the Hex color DF7863 looks on a white background.

## Color Contrast Check

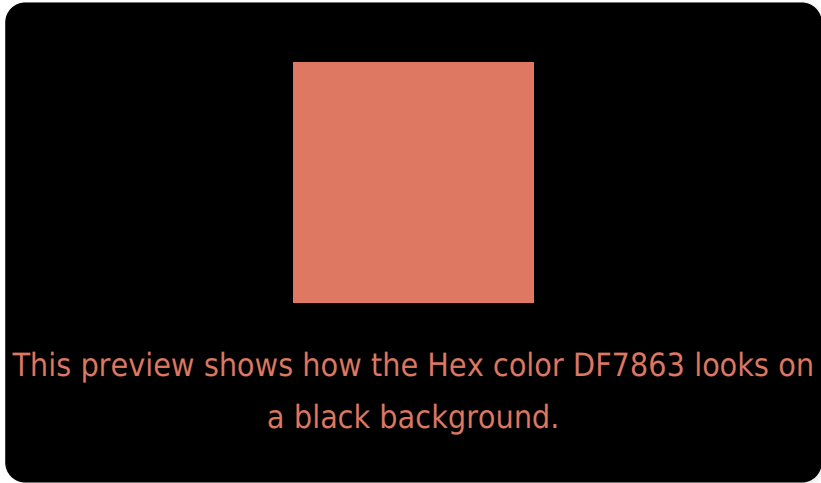
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex DF7863 Background



This preview shows how black text looks on a background with the Hex color DF7863.

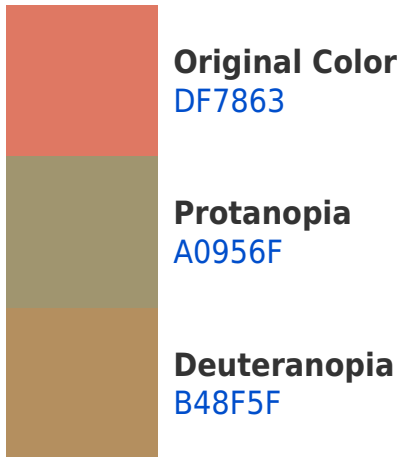


This preview shows how white text looks on a background with the Hex color DF7863.

# 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**  
E1747D

# Trichromacy



**Original Color**  
DF7863

**Protanomaly**  
B78A6B

**Deuteranomaly**  
C48760

**Tritanomaly**  
E07574

# Monochromacy



**Original Color**  
DF7863

**Achromatopsia**  
949494

**Achromatomaly**  
AF8A82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF7863 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 #DF7863 looks like.

```
.text, #text, p{  
    color:#DF7863  
}
```

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 #DF7863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7863  
}
```

## Border

The CSS property to change the border of an element to Hex DF7863 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  
#DF7863 }
```

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

```
.border{ border-color:#DF7863 }
```

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

Here you see how a box with a 4 pixel #DF7863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7863; -webkit-box-shadow:4px 4px  
4px 4px #DF7863; box-shadow:4px 4px 4px  
4px #DF7863 }
```

# Background

The CSS property to change the background color of an element to Hex DF7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7863 }
```

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

```
.background{ background-color:#DF7863 }
```

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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