

Converting Colors

Hex(076F58)

Have a look what the booklet for
Hex(076F58) contains.

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Color

Hex(076F58)

Conversions

Conversions Part 1

Format	Color
Hex	076F58
RGB	7, 111, 88
RGB Percent	3%, 44%, 35%
CMY	0.9725, 0.5647, 0.6549
CMYK	0.94, 0.00, 0.21, 0.56
HSL	167°, 88%, 23%
HSV	167°, 94%, 44%
XYZ	7.5335, 12.1186, 11.1746
YIQ	77.2820, -54.6010, -29.2010

Conversions

Conversions Part 2

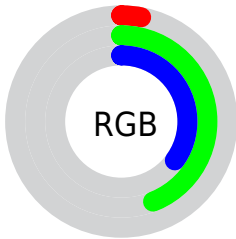
Format	Color
RYB	7, 65, 111
Decimal	487256
CIELab	41.40, -32.65, 5.33
CIELCh	41, 33.086, 170.722
Yxy	12.1186, 0.2444, 0.3931
Android (android.graphics.Color)	4278677336 (0xFF076F58)
YUV	77.2820, 5.2840, -61.6373
Hunter-Lab	34.8118, -22.2921, 5.3362

Details

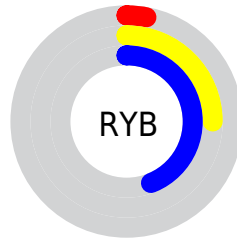
The Hex color **076F58** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F071E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4CA38A**, and **003E2B** is the 20% darker color. If you saturate the color by 10%, you get **006F56**, and if you desaturate by 10%, it is **126F5A**.

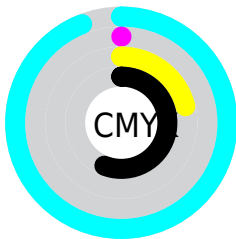
Distribution



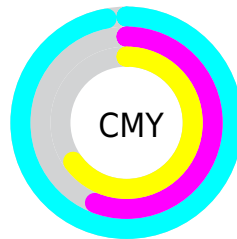
- Red (3%)
- Green (44%)
- Blue (35%)



- Red (3%)
- Yellow (25%)
- Blue (44%)



- Cyan (94%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (97%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076F58 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 076F58 by changing the saturation by 10% instead.

 076F58

 076F58

FFFFFF

 005641

 4CA38A

 003E2B

 68BFA4

 002816

 83DBBF

 000A00

 9FF8DB

 000000

 BCFFF8

 D9FFFF

 F6FFFF

 076F58

 076F58

■ 006F56

■ 126F5A

■ 1D6F5D

■ 286F5F

■ 336F62

■ 3F6F64

■ 4A6F67

■ 556F69

■ 606F6C

■ 6B6F6E

Harmonies

Analogous

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



3F6C3E



076F58



006F74

Triad

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



076F58



565E94



8C5339

Complementary

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



076F58



6F071E

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.



954C50



076F58



7B5384

Square

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



076F58



176797



904C6B



795D2B

Rectangle

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



076F58



006E84



904C6B



905040

Sweetspot

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



076F58



699188



1F6F07



314A44



C9C9C9



4A4A4A

Same Dimension

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



076F58



009171



07536F



323837



00785D



00F7C1

Inverse Universe

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



6F071E



910020



6F2307



383234



78001B



F70037

Previews

White Background



This preview shows how the Hex color 076F58 looks on a white background.

Color Contrast Check

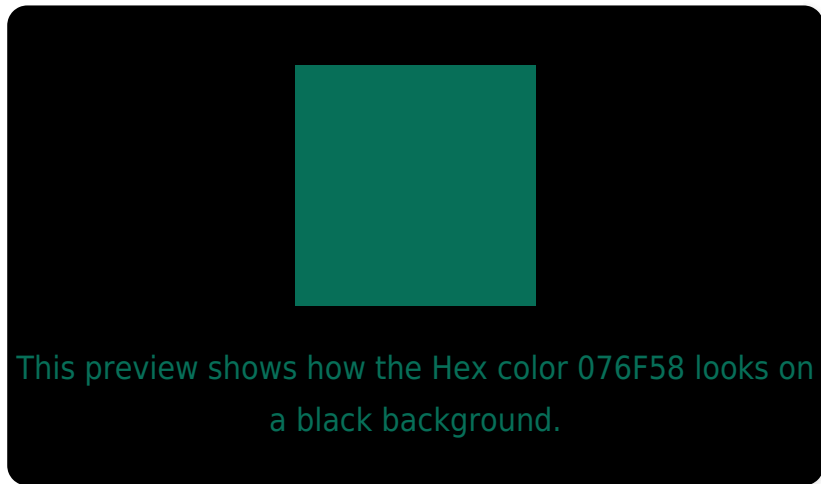
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

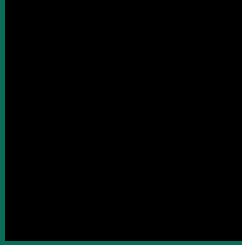
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 076F58 Background



This preview shows how black text looks on a background with the Hex color 076F58.



This preview shows how white text looks on a background with the Hex color 076F58.

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
076F58

Protanopia
676151

Deuteranopia
6D5E5C



Tritanopia
226B74

Trichromacy



Original Color
076F58

Protanomaly
446654

Deuteranomaly
48645B

Tritanomaly
186C6A

Monochromacy



Original Color
076F58

Achromatopsia
4D4D4D

Achromatomaly
345951

CSS Examples

Text

The CSS property to change the color of the text to Hex 076F58 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 #076F58 looks like.

```
.text, #text, p{  
    color:#076F58  
}
```

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 #076F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076F58
}
```

Border

The CSS property to change the border of an element to Hex 076F58 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
#076F58 }
```

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

```
.border{ border-color:#076F58 }
```

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

Here you see how a box with a 4 pixel #076F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076F58; -webkit-box-shadow:4px 4px  
4px 4px #076F58; box-shadow:4px 4px 4px  
4px #076F58 }
```

Background

The CSS property to change the background color of an element to Hex 076F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076F58 }
```

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

```
.background{ background-color:#076F58 }
```

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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