

Converting Colors

Hex(078065)

Have a look what the booklet for
Hex(078065) contains.

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Color

Hex(078065)

Conversions

Conversions Part 1

Format	Color
Hex	078065
RGB	7, 128, 101
RGB Percent	3%, 50%, 40%
CMY	0.9725, 0.4980, 0.6039
CMYK	0.95, 0.00, 0.21, 0.50
HSL	167°, 90%, 26%
HSV	167°, 95%, 50%
XYZ	10.1558, 16.4231, 14.9466
YIQ	88.7430, -63.4490, -34.0490

Conversions

Conversions Part 2

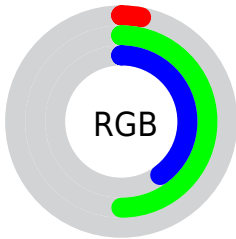
Format	Color
RYB	7, 75, 128
Decimal	491621
CIELab	47.52, -36.55, 6.35
CIELCh	48, 37.100, 170.138
Yxy	16.4231, 0.2446, 0.3955
Android (android.graphics.Color)	4278681701 (0xFF078065)
YUV	88.7430, 6.0427, -71.6886
Hunter-Lab	40.5254, -26.1870, 6.5004

Details

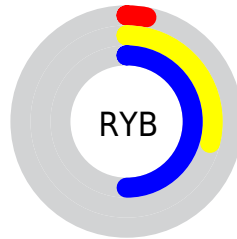
The Hex color **078065** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **800722**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **51B698**, and **004E36** is the 20% darker color. If you saturate the color by 10%, you get **008063**, and if you desaturate by 10%, it is **148068**.

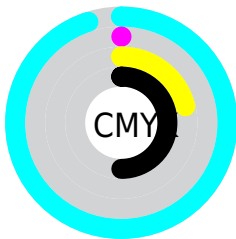
Distribution



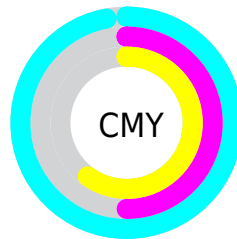
- Red (3%)
- Green (50%)
- Blue (40%)



- Red (3%)
- Yellow (29%)
- Blue (50%)



- Cyan (95%)
- Magenta (0%)
- Yellow (21%)
- Black (50%)



- Cyan (97%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 078065 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 078065 by changing the saturation by 10% instead.

 078065

 078065

FFFFFF

 00664D

 51B698

 004E36

 6ED2B3

 003621

 8AEECE

 00220B

 A7FFEA

 000000

 C4FFFF

 E1FFFF

 078065

 078065

 008063

 148068

■ 21806B

■ 2D806E

■ 3A8070

■ 478073

■ 548076

■ 618079

■ 6D807C

■ 7A807F

Harmonies

Analogous

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



4A7C47



078065



008185

Triad

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



078065



626DAB



A26042

Complementary

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



078065



800722

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.



AC585D



078065



8D6099

Square

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



078065



1577AE



A5587C



8C6B32

Rectangle

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



078065



007F98



A5587C



A75D4A

Sweetspot

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



078065



77A69B



238007



38544E



D4D4D4



545454

Same Dimension

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



078065



00A681



076080



39403E



008063



000000

Inverse Universe

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



800722



A60025



802707



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 078065 looks on a white background.

Color Contrast Check

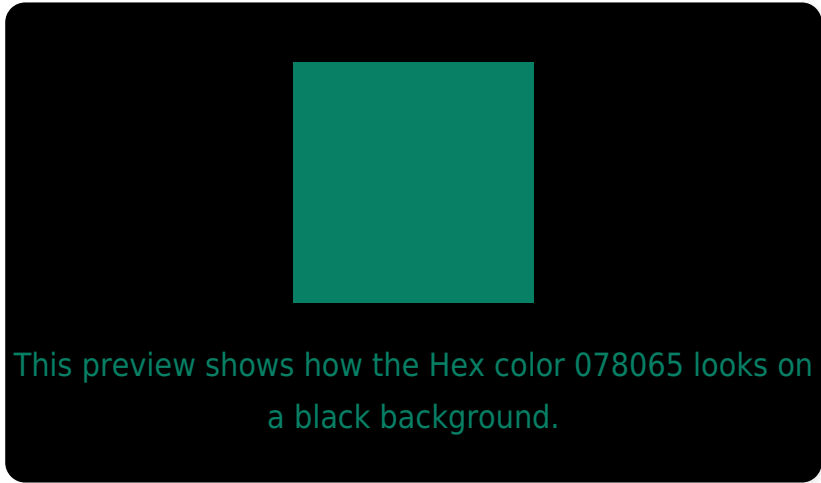
Large Text (above 18pt) WCAG AA ✓ Pass

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

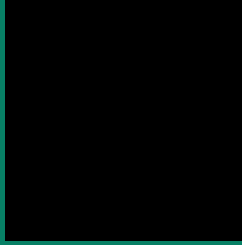
Any Text WCAG AA × Fail

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 078065 Background



This preview shows how black text looks on a background with the Hex color 078065.

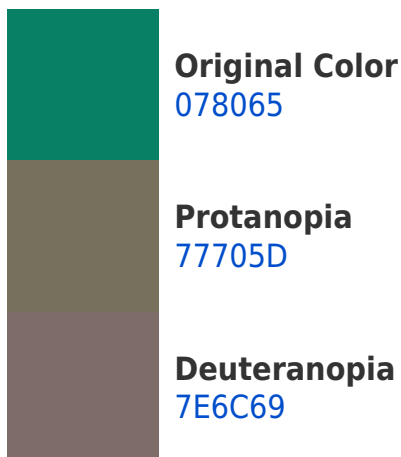


This preview shows how white text looks on a background with the Hex color 078065.

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
287C86

Trichromacy



Original Color
078065



Protanomaly
4E7660



Deuteranomaly
537368



Tritanomaly
1C7D7A

Monochromacy



Original Color
078065



Achromatopsia
595959



Achromatomaly
3B675D

CSS Examples

Text

The CSS property to change the color of the text to Hex 078065 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 #078065 looks like.

```
.text, #text, p{  
    color:#078065  
}
```

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 #078065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #078065
}
```

Border

The CSS property to change the border of an element to Hex 078065 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
#078065 }
```

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

```
.border{ border-color:#078065 }
```

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

Here you see how a box with a 4 pixel #078065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #078065; -webkit-box-shadow:4px 4px  
4px 4px #078065; box-shadow:4px 4px 4px  
4px #078065 }
```

Background

The CSS property to change the background color of an element to Hex 078065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#078065 }
```

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

```
.background{ background-color:#078065 }
```

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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