

Converting Colors

Hex(068F65)

Have a look what the booklet for
Hex(068F65) contains.

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Color

Hex(068F65)

Conversions

Conversions Part 1

Format	Color
Hex	068F65
RGB	6, 143, 101
RGB Percent	2%, 56%, 40%
CMY	0.9765, 0.4392, 0.6039
CMYK	0.96, 0.00, 0.29, 0.44
HSL	162°, 92%, 29%
HSV	162°, 96%, 56%
XYZ	12.2465, 20.6232, 15.6471
YIQ	97.2490, -68.1700, -42.1060

Conversions

Conversions Part 2

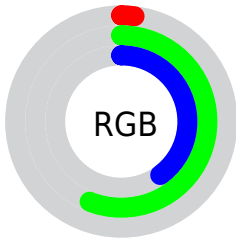
Format	Color
RYB	6, 87, 143
Decimal	429925
CIELab	52.53, -42.87, 13.40
CIELCh	53, 44.916, 162.636
Yxy	20.6232, 0.2524, 0.4251
Android (android.graphics.Color)	4278620005 (0xFF068F65)
YUV	97.2490, 1.8492, -80.0254
Hunter-Lab	45.4128, -31.3361, 11.3604

Details

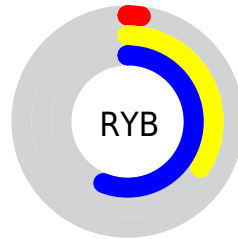
The Hex color **068F65** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8F0630**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55C698**, and **005B36** is the 20% darker color. If you saturate the color by 10%, you get **008F63**, and if you desaturate by 10%, it is **148F69**.

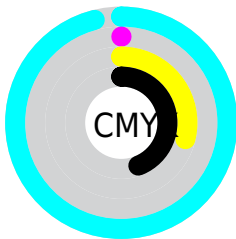
Distribution



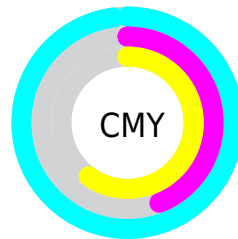
- Red (2%)
- Green (56%)
- Blue (40%)



- Red (2%)
- Yellow (34%)
- Blue (56%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)




- Cyan (98%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 068F65 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 068F65 by changing the saturation by 10% instead.

 068F65

 068F65

FFFFFF

 00754D

 55C698

 005B36

 72E2B3

 004320

 8FFFCE

 002C0A

 ACFFEB

 001000

 C9FFFF

 000000

 E7FFFF

 068F65

 068F65

 008F63

 148F69

 238F6E

 318F72

 3F8F77

 4E8F7B

 5C8F7F

 6A8F84

 788F88

 878F8C

Harmonies

Analogous

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



598A42



068F65



00918D

Triad

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



068F65



577CC9



BD654B

Complementary

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



068F65



8F0630

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.



C55C6E



068F65



956DB6

Square

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



068F65



0088C7



B95F95



A67332

Rectangle

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



068F65



0090A6



B95F95



C26156

Sweetspot

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



068F65



84BAAA



318F06



3D5E54



DEDEDE



5E5E5E

Same Dimension

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



068F65



00BA81



06768F



404745



00875E



000805

Inverse Universe

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



8F0630



BA0039



8F1F06



474042



870029



080002

Previews

White Background



This preview shows how the Hex color 068F65 looks on a white background.

Color Contrast Check

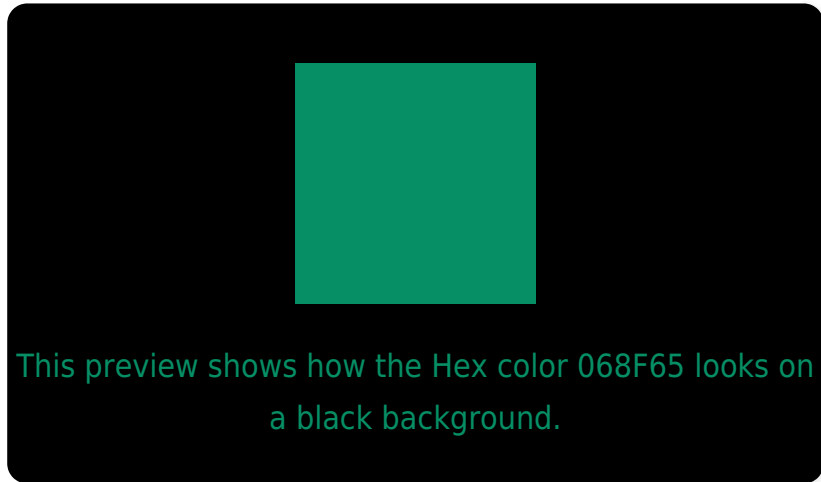
Large Text (above 18pt) WCAG AA ✓ Pass

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

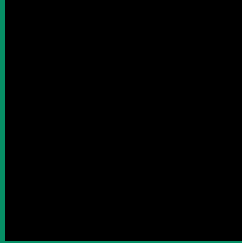
Any Text WCAG AA ✓ Pass

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 068F65 Background



This preview shows how black text looks on a background with the Hex color 068F65.

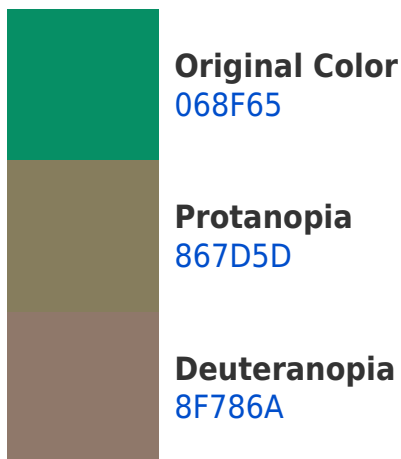


This preview shows how white text looks on a background with the Hex color 068F65.

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
308994

Trichromacy



Original Color
068F65



Protanomaly
578460



Deuteranomaly
5D8068



Tritanomaly
218B83

Monochromacy



Original Color
068F65



Achromatopsia
616161



Achromatomaly
407262

CSS Examples

Text

The CSS property to change the color of the text to Hex 068F65 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 #068F65 looks like.

```
.text, #text, p{  
    color:#068F65  
}
```

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 #068F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068F65
}
```

Border

The CSS property to change the border of an element to Hex 068F65 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
#068F65 }
```

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

```
.border{ border-color:#068F65 }
```

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

Here you see how a box with a 4 pixel #068F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068F65; -webkit-box-shadow:4px 4px  
4px 4px #068F65; box-shadow:4px 4px 4px  
4px #068F65 }
```

Background

The CSS property to change the background color of an element to Hex 068F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068F65 }
```

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

```
.background{ background-color:#068F65 }
```

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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