

Converting Colors

Hex(069C75)

Have a look what the booklet for
Hex(069C75) contains.

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Color

Hex(069C75)

Conversions

Conversions Part 1

Format	Color
Hex	069C75
RGB	6, 156, 117
RGB Percent	2%, 61%, 46%
CMY	0.9765, 0.3882, 0.5412
CMYK	0.96, 0.00, 0.25, 0.39
HSL	164°, 93%, 32%
HSV	164°, 96%, 61%
XYZ	15.1745, 25.1000, 20.8746
YIQ	106.7040, -76.8810, -43.9290

Conversions

Conversions Part 2

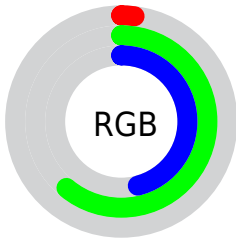
Format	Color
RYB	6, 92, 156
Decimal	433269
CIELab	57.17, -44.15, 10.84
CIELCh	57, 45.465, 166.211
Yxy	25.1000, 0.2482, 0.4105
Android (android.graphics.Color)	4278623349 (0xFF069C75)
YUV	106.7040, 5.0759, -88.3174
Hunter-Lab	50.0999, -33.6101, 10.3662

Details

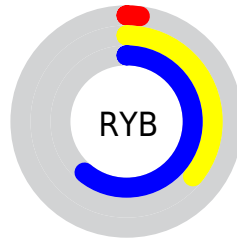
The Hex color **069C75** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C062D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **59D3A9**, and **006745** is the 20% darker color. If you saturate the color by 10%, you get **009C73**, and if you desaturate by 10%, it is **169C79**.

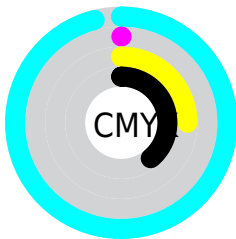
Distribution



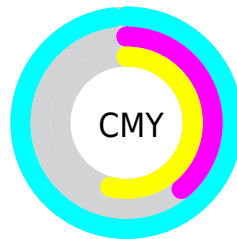
- Red (2%)
- Green (61%)
- Blue (46%)



- Red (2%)
- Yellow (36%)
- Blue (61%)



- Cyan (96%)
- Magenta (0%)
- Yellow (25%)
- Black (39%)




- Cyan (98%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069C75 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 069C75 by changing the saturation by 10% instead.

 069C75

 069C75

FFFFFF

 00815C

 59D3A9

 006745

 77F0C4

 004E2E

 95FFE0

 003619

 B2FFFD

 002100

 D0FFFF

 000000

 EEEFFF

 069C75

 069C75

 009C73

 169C79

 259C7D

 359C81

 449C85

 549C89

 649C8D

 739C91

 839C95

 929C9A

Harmonies

Analogous

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



5E9750



069C75



009D9E

Triad

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



069C75



6D86D5



C97252

Complementary

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



069C75



9C062D

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.



D46875



069C75



A776C0

Square

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



069C75



0093D6



C96A9D



B0813A

Rectangle

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



069C75



009CB7



C96A9D



CF6E5C

Sweetspot

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



069C75



91CCBD



2E9C06



42665D



E6E6E6



666666

Same Dimension

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



069C75



00CC97



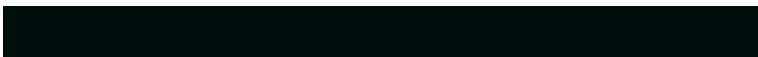
06799C



474F4D



008F6A



000F0B

Inverse Universe

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



9C062D



CC0035



9C2906



4F4749



8F0025



0F0004

Previews

White Background



This preview shows how the Hex color 069C75 looks on a white background.

Color Contrast Check

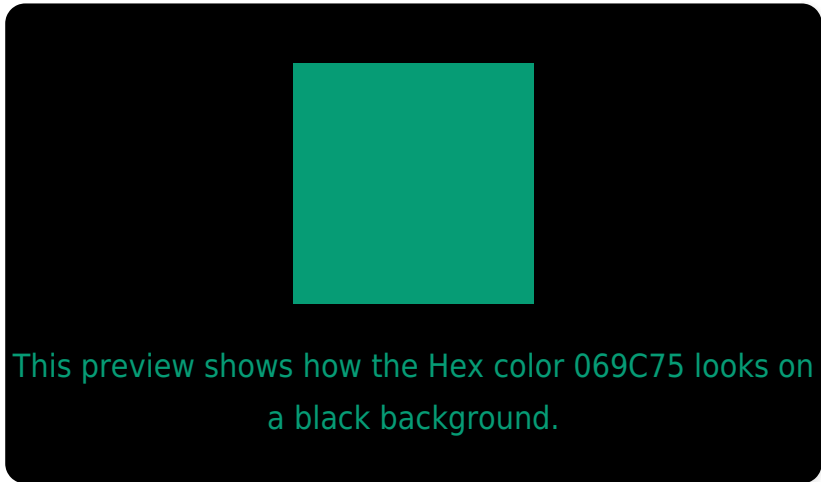
Large Text (above 18pt) WCAG AA ✓ Pass

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

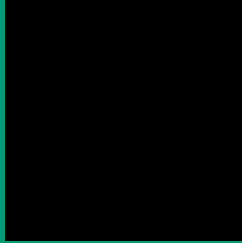
Any Text WCAG AA ✓ Pass

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 069C75 Background



This preview shows how black text looks on a background with the Hex color 069C75.



This preview shows how white text looks on a background with the Hex color 069C75.

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](#).

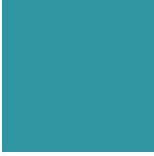
Dichromacy



Original Color
069C75

Protanopia
91886B

Deuteranopia
9B837A



Tritanopia
3296A2

Trichromacy



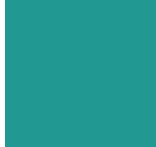
Original Color
069C75



Protanomaly
5E8F6F



Deuteranomaly
658C78



Tritanomaly
229892

Monochromacy



Original Color
069C75



Achromatopsia
6B6B6B



Achromatomaly
467D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 069C75 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 #069C75 looks like.

```
.text, #text, p{  
    color:#069C75  
}
```

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 #069C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069C75
}
```

Border

The CSS property to change the border of an element to Hex 069C75 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
#069C75 }
```

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

```
.border{ border-color:#069C75 }
```

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

Here you see how a box with a 4 pixel #069C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069C75; -webkit-box-shadow:4px 4px  
4px 4px #069C75; box-shadow:4px 4px 4px  
4px #069C75 }
```

Background

The CSS property to change the background color of an element to Hex 069C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069C75 }
```

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

```
.background{ background-color:#069C75 }
```

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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