

Converting Colors

Hex(069678)

Have a look what the booklet for
Hex(069678) contains.

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Color

Hex(069678)

Conversions

Conversions Part 1

Format	Color
Hex	069678
RGB	6, 150, 120
RGB Percent	2%, 59%, 47%
CMY	0.9765, 0.4118, 0.5294
CMYK	0.96, 0.00, 0.20, 0.41
HSL	168°, 92%, 31%
HSV	168°, 96%, 59%
XYZ	14.3716, 23.2075, 21.4913
YIQ	103.5240, -76.1940, -39.8580

Conversions

Conversions Part 2

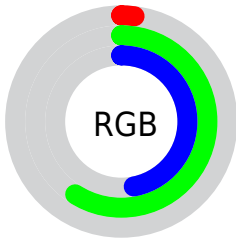
Format	Color
RYB	6, 86, 150
Decimal	431736
CIELab	55.29, -40.89, 6.46
CIELCh	55, 41.397, 171.025
Yxy	23.2075, 0.2433, 0.3929
Android (android.graphics.Color)	4278621816 (0xFF069678)
YUV	103.5240, 8.1227, -85.5285
Hunter-Lab	48.1741, -31.0535, 7.2716

Details

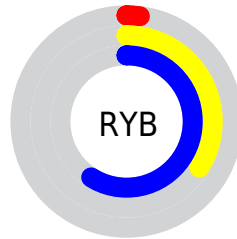
The Hex color **069678** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **960624**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58CDAC**, and **006248** is the 20% darker color. If you saturate the color by 10%, you get **009677**, and if you desaturate by 10%, it is **15967B**.

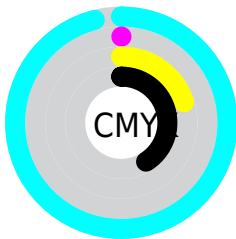
Distribution



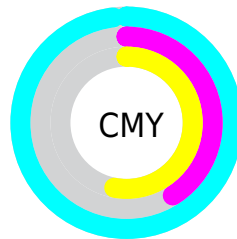
- Red (2%)
- Green (59%)
- Blue (47%)



- Red (2%)
- Yellow (34%)
- Blue (59%)



- Cyan (96%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)



- Cyan (98%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069678 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 069678 by changing the saturation by 10% instead.

 069678

 069678

FFFFFF

 007C5F

 58CDAC

 006248

 76EAC8

 004931

 93FFE4

 00321C

 B0FFFF

 001B03

 CEFFFF

 000000

 ECFFFF

 069678

 069678

 009677

 15967B

■ 24967E

■ 339681

■ 429685

■ 519688

■ 60968B

■ 6F968E

■ 7E9691

■ 8D9694

Harmonies

Analogous

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



579256



069678



00979D

Triad

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



069678



767FC7



BC724E

Complementary

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



069678



960624

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.



C8686D



069678



A671B2

Square

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



069678



228BCB



C16791



A37F3C

Rectangle

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



069678



0095B2



C16791



C26E57

Sweetspot

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



069678



8AC2B6



259606



3F615A



E0E0E0



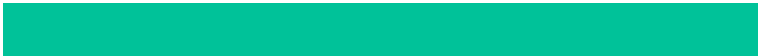
616161

Same Dimension

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



069678



00C299



066D96



434A48



008A6D



000A08

Inverse Universe

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



960624



C20028



962F06



4A4344



8A001D



0A0002

Previews

White Background



This preview shows how the Hex color 069678 looks on a white background.

Color Contrast Check

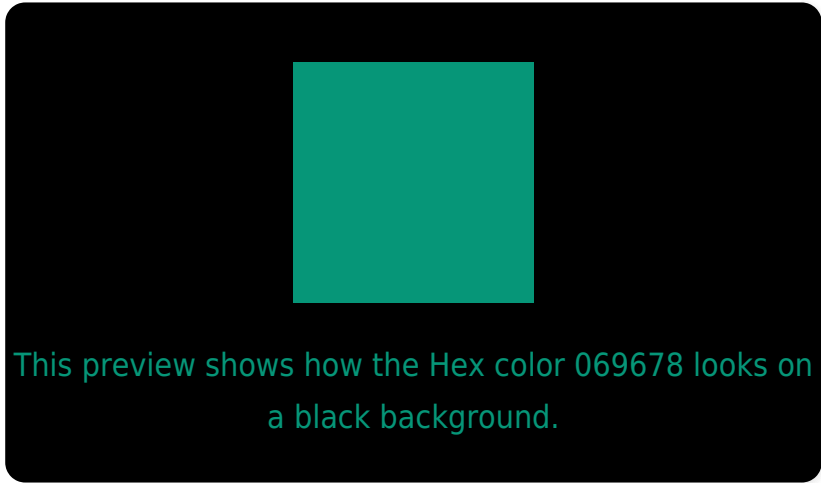
Large Text (above 18pt) WCAG AA ✓ Pass

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

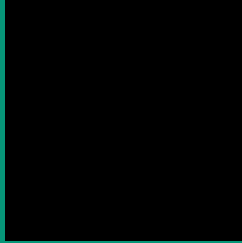
Any Text WCAG AA ✓ Pass

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 069678 Background



This preview shows how black text looks on a background with the Hex color 069678.

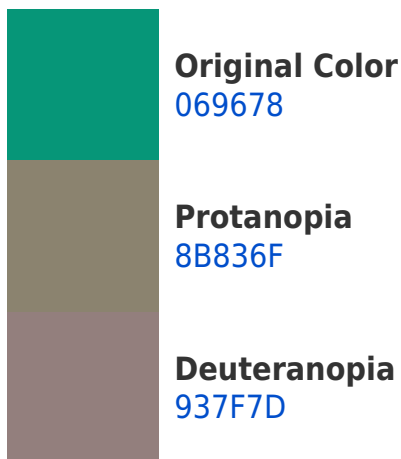


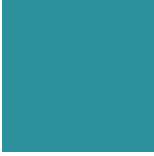
This preview shows how white text looks on a background with the Hex color 069678.

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
2D919D

Trichromacy



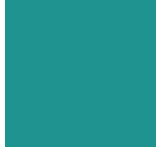
Original Color
069678



Protanomaly
5B8A72



Deuteranomaly
60877B



Tritanomaly
1F9390

Monochromacy



Original Color
069678



Achromatopsia
686868



Achromatomaly
44796E

CSS Examples

Text

The CSS property to change the color of the text to Hex 069678 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 #069678 looks like.

```
.text, #text, p{  
    color:#069678  
}
```

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 #069678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069678
}
```

Border

The CSS property to change the border of an element to Hex 069678 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
#069678 }
```

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

```
.border{ border-color:#069678 }
```

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

Here you see how a box with a 4 pixel #069678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069678; -webkit-box-shadow:4px 4px  
4px 4px #069678; box-shadow:4px 4px 4px  
4px #069678 }
```

Background

The CSS property to change the background color of an element to Hex 069678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069678 }
```

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

```
.background{ background-color:#069678 }
```

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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