

Converting Colors

Hex(016969)

Have a look what the booklet for
Hex(016969) contains.

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Color

Hex(016969)

Conversions

Conversions Part 1

Format	Color
Hex	016969
RGB	1, 105, 105
RGB Percent	0%, 41%, 41%
CMY	0.9961, 0.5882, 0.5882
CMYK	0.99, 0.00, 0.00, 0.59
HSL	180°, 98%, 21%
HSV	180°, 99%, 41%
XYZ	7.6139, 11.1295, 15.1115
YIQ	73.9040, -61.9840, -22.0480

Conversions

Conversions Part 2

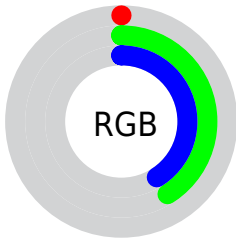
Format	Color
RYB	1, 53, 105
Decimal	92521
CIELab	39.80, -24.97, -7.35
CIELCh	40, 26.027, 196.394
Yxy	11.1295, 0.2249, 0.3287
Android (android.graphics.Color)	4278282601 (0xFF016969)
YUV	73.9040, 15.3303, -63.9368
Hunter-Lab	33.3609, -17.6430, -3.5040

Details

The Hex color **016969** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **690101**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4B9D9C**, and **00393A** is the 20% darker color. If you saturate the color by 10%, you get **006969**, and if you desaturate by 10%, it is **0B6969**.

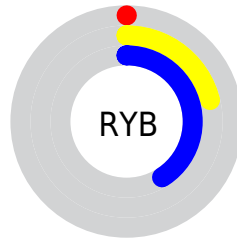
Distribution



Red (0%)

Green (41%)

Blue (41%)



Red (0%)

Yellow (21%)

Blue (41%)

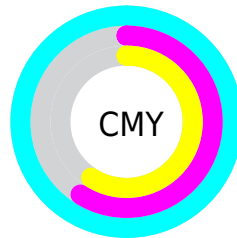


Cyan (99%)

Magenta (0%)

Yellow (0%)

Black (59%)



Cyan (100%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016969 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 016969 by changing the saturation by 10% instead.

016969

016969

FFFFFF

005151

4B9D9C

00393A

67B8B7

002424

82D4D3

000110

9EF0EF

000000

BBFFFF

D8FFFF

F5FFFF

016969

016969

■ 006969

■ 0B6969

■ 166969

■ 216969

■ 2B6969

■ 356969

■ 406969

■ 4A6969

■ 556969

■ 606969

Harmonies

Analogous

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



2C6853



016969



00677C

Triad

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



016969



6F547B



745934

Complementary

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



016969



690101

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.



825240



016969



814E68

Square

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



016969



525C86



874D53



606034

Rectangle

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



016969



1C6584



874D53



795737

Sweetspot

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



016969



608A8A



016901



2C4545



C4C4C4



454545

Same Dimension

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



016969



008A8A



013569



303636



007575



00F5F5

Inverse Universe

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



690169



8A008A



693501



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 016969 looks on a white background.

Color Contrast Check

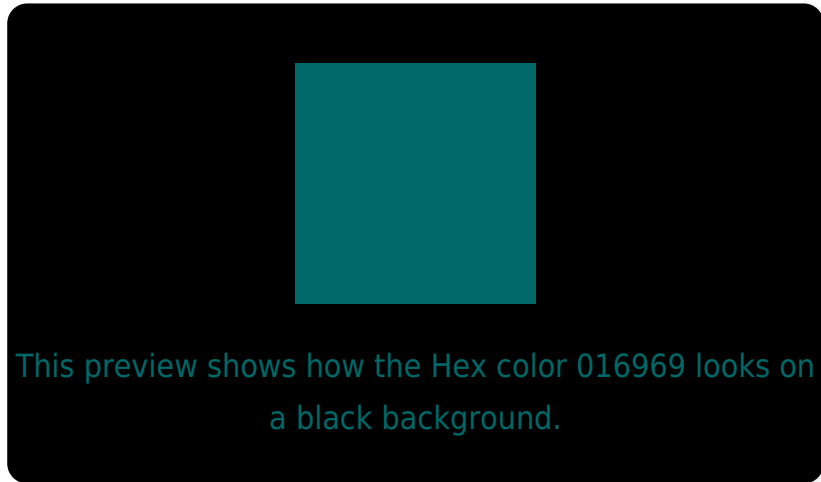
Large Text (above 18pt) WCAG AA ✓ Pass

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

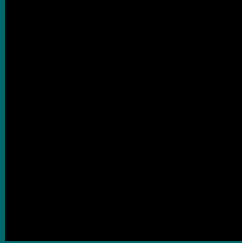
Any Text WCAG AA × Fail

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 016969 Background



This preview shows how black text looks on a background with the Hex color 016969.

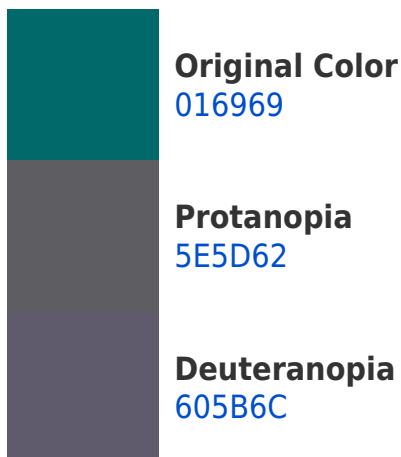


This preview shows how white text looks on a background with the Hex color 016969.

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](#).

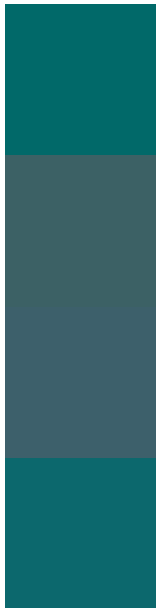
Dichromacy





Tritanopia
136870

Trichromacy



Original Color
016969

Protanomaly
3C6165

Deuteranomaly
3D606B

Tritanomaly
0C686D

Monochromacy



Original Color
016969

Achromatopsia
4A4A4A

Achromatomaly
2F5555

CSS Examples

Text

The CSS property to change the color of the text to Hex 016969 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 #016969 looks like.

```
.text, #text, p{  
    color:#016969  
}
```

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 #016969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016969
}
```

Border

The CSS property to change the border of an element to Hex 016969 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
#016969 }
```

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

```
.border{ border-color:#016969 }
```

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

Here you see how a box with a 4 pixel #016969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016969; -webkit-box-shadow:4px 4px  
4px 4px #016969; box-shadow:4px 4px 4px  
4px #016969 }
```

Background

The CSS property to change the background color of an element to Hex 016969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016969 }
```

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

```
.background{ background-color:#016969 }
```

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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