

# Converting Colors

Hex(018268)

Have a look what the booklet for  
Hex(018268) contains.

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# Color

**Hex(018268)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	018268
RGB	1, 130, 104
RGB Percent	0%, 51%, 41%
CMY	0.9961, 0.4902, 0.5922
CMYK	0.99, 0.00, 0.20, 0.49
HSL	168°, 98%, 26%
HSV	168°, 99%, 51%
XYZ	10.4938, 16.9712, 15.8194
YIQ	88.4650, -68.5380, -35.4340

# Conversions

## Conversions Part 2

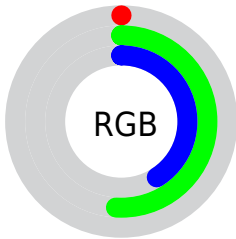
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 73, 130
Decimal	98920
CIELab	48.22, -36.96, 5.59
CIELCh	48, 37.381, 171.401
Yxy	16.9712, 0.2424, 0.3921
Android (android.graphics.Color)	4278289000 (0xFF018268)
YUV	88.4650, 7.6588, -76.7068
Hunter-Lab	41.1961, -26.6241, 6.0698

# Details

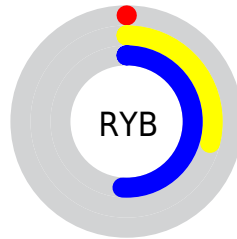
The Hex color **018268** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82011B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **50B89B**, and **005039** is the 20% darker color. If you saturate the color by 10%, you get **008268**, and if you desaturate by 10%, it is **0E826B**.

# Distribution



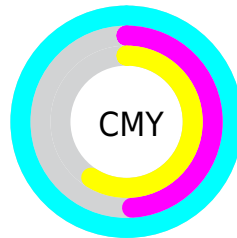
- Red (0%)
- Green (51%)
- Blue (41%)



- Red (0%)
- Yellow (29%)
- Blue (51%)



- Cyan (99%)
- Magenta (0%)
- Yellow (20%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 018268 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 018268 by changing the saturation by 10% instead.



 018268

 018268

FFFFFF

 006850

 50B89B

 005039

 6DD4B6

 003824

 8AF0D1

 00240E

 A6FFEE

 000000

 C3FFFF

 E1FFFF

 018268

 018268

 008268

 0E826B

■ 1B826D

■ 288270

■ 358272

■ 428275

■ 4F8278

■ 5C827A

■ 69827D

■ 768280

# Harmonies

## Analogous

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



4A7E4A



018268



008288

# Triad

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



018268



666EAD



A36242

# Complementary

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



018268



82011B

# 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.



AE595D



018268



91619A

# Square

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



018268



1D79B1



A8597D



8D6E33

# Rectangle

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



018268



00819B



A8597D



A85F4A



# Sweetspot

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



018268



76A89E



1D8201



36544E



D4D4D4



545454



# Same Dimension

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



018268



00A886



015D82



39403E



008066



000000



# Inverse Universe

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



82011B



A80022



822601



40393B



80001A



000000



# Previews

## White Background



This preview shows how the Hex color 018268 looks on a white background.

## Color Contrast Check

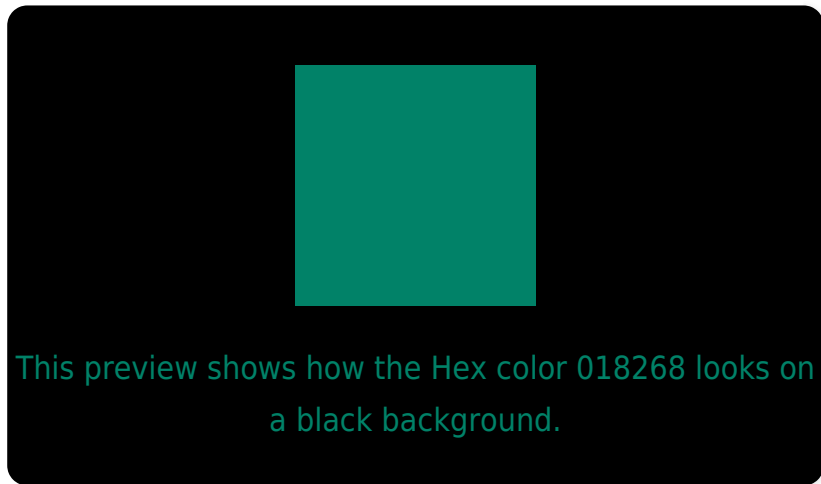
Large Text (above 18pt) WCAG AA ✓ Pass

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

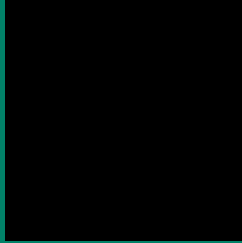
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 018268 Background



This preview shows how black text looks on a background with the Hex color 018268.

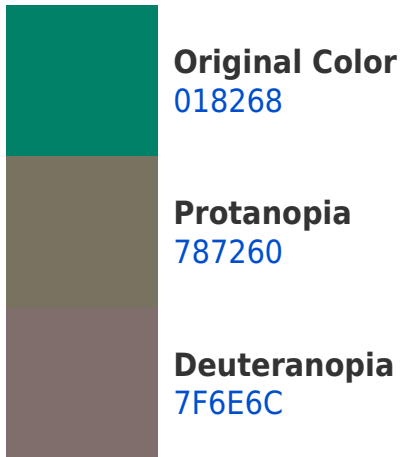


This preview shows how white text looks on a background with the Hex color 018268.

# 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**  
277E88

# Trichromacy



**Original Color**  
018268



**Protanomaly**  
4D7863



**Deuteranomaly**  
51756B



**Tritanomaly**  
197F7C

# Monochromacy



**Original Color**  
018268



**Achromatopsia**  
585858



**Achromatomaly**  
38675E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 018268 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 #018268 looks like.

```
.text, #text, p{  
    color:#018268  
}
```

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 #018268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018268
}
```

## Border

The CSS property to change the border of an element to Hex 018268 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
#018268 }
```

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

```
.border{ border-color:#018268 }
```

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

Here you see how a box with a 4 pixel #018268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018268; -webkit-box-shadow:4px 4px  
4px 4px #018268; box-shadow:4px 4px 4px  
4px #018268 }
```

# Background

The CSS property to change the background color of an element to Hex 018268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018268 }
```

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

```
.background{ background-color:#018268 }
```

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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