

Converting Colors

Hex(016367)

Have a look what the booklet for
Hex(016367) contains.

Hex(016367)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(016367)

Conversions

Conversions Part 1

Format	Color
Hex	016367
RGB	1, 99, 103
RGB Percent	0%, 39%, 40%
CMY	0.9961, 0.6118, 0.5961
CMYK	0.99, 0.04, 0.00, 0.60
HSL	182°, 98%, 20%
HSV	182°, 99%, 40%
XYZ	6.9225, 9.9094, 14.3798
YIQ	70.1540, -59.6920, -19.5320

Conversions

Conversions Part 2

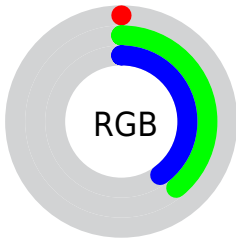
Format	Color
R_{YB}	1, 51, 103
Decimal	90983
CIE _{Lab}	37.68, -22.57, -9.30
CIE _{LCh}	38, 24.410, 202.394
Y _{xy}	9.9094, 0.2218, 0.3175
Android (android.graphics.Color)	4278281063 (0xFF016367)
Y _{UV}	70.1540, 16.1931, -60.6481
Hunter-Lab	31.4792, -15.8350, -5.0484

Details

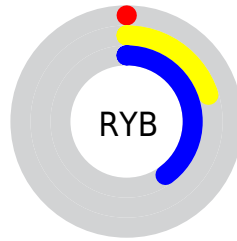
The Hex color **016367** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670501**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **49969A**, and **003438** is the 20% darker color. If you saturate the color by 10%, you get **006367**, and if you desaturate by 10%, it is **0B6367**.

Distribution



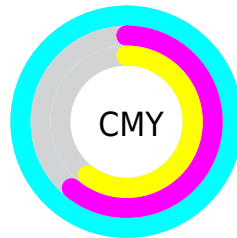
- Red (0%)
- Green (39%)
- Blue (40%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (99%)
- Magenta (4%)
- Yellow (0%)
- Black (60%)




- Cyan (100%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016367 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 016367 by changing the saturation by 10% instead.

 016367

 016367

FFFFFF

 004B4F

 49969A

 003438

 65B1B5

 002023

 80CDD0

 00010D

 9CE9ED

 000000

 B9FFFF

 D5FFFF

 F3FFFF

 016367

 016367

■ 006367

■ 0B6367

■ 166467

■ 206467

■ 2A6567

■ 356567

■ 3F6567

■ 496667

■ 536667

■ 5E6767

Harmonies

Analogous

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



256353



016367



096177

Triad

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



016367



6D4E71



6A5631

Complementary

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



016367



670501

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.



784F3A



016367



7B4A5F

Square

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



016367



54557D



7F4A4B



575C34

Rectangle

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



016367



265E7E



7F4A4B



6F5333

Sweetspot

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



016367



5F8687



016704



2C4445



C4C4C4



454545

Same Dimension

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



016367



008287



013167



2E3333



006E73



00E9F2

Inverse Universe

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



670163



870082



673701



332E33



73006E



F200E9

Previews

White Background



This preview shows how the Hex color 016367 looks on a white background.

Color Contrast Check

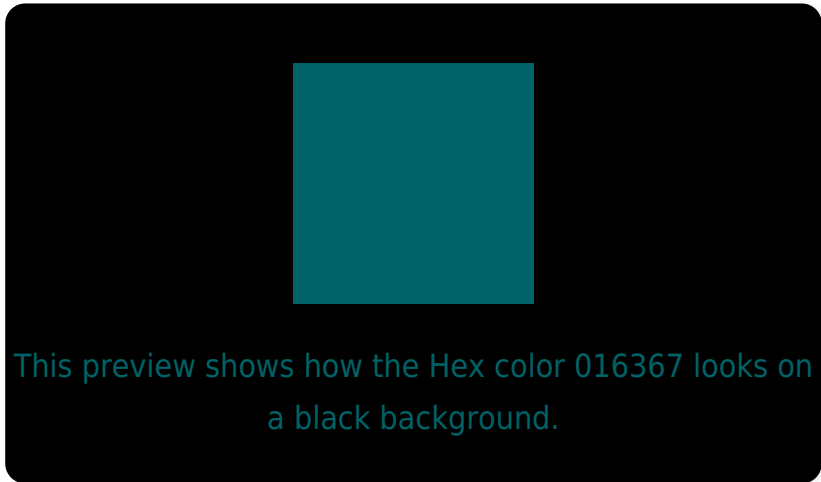
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

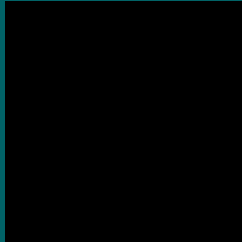
Any Text WCAG AA × Fail

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 016367 Background



This preview shows how black text looks on a background with the Hex color 016367.

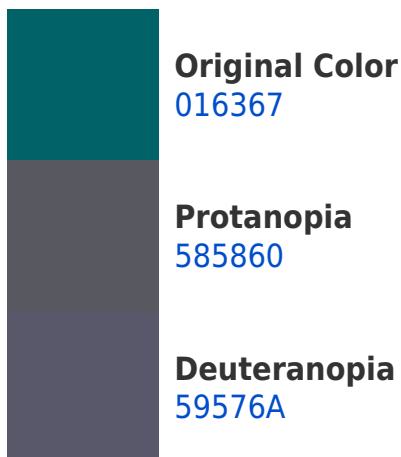


This preview shows how white text looks on a background with the Hex color 016367.

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](#).

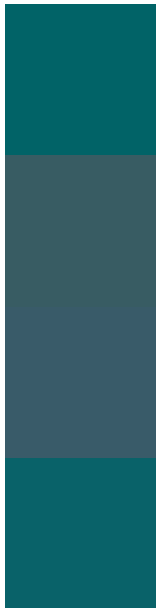
Dichromacy





Tritanopia
0D626A

Trichromacy



Original Color
016367

Protanomaly
385C63

Deuteranomaly
395B69

Tritanomaly
096269

Monochromacy



Original Color
016367

Achromatopsia
464646

Achromatomaly
2D5152

CSS Examples

Text

The CSS property to change the color of the text to Hex 016367 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 #016367 looks like.

```
.text, #text, p{  
    color:#016367  
}
```

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 #016367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016367
}
```

Border

The CSS property to change the border of an element to Hex 016367 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
#016367 }
```

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

```
.border{ border-color:#016367 }
```

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

Here you see how a box with a 4 pixel #016367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016367; -webkit-box-shadow:4px 4px  
4px 4px #016367; box-shadow:4px 4px 4px  
4px #016367 }
```

Background

The CSS property to change the background color of an element to Hex 016367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016367 }
```

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

```
.background{ background-color:#016367 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor