

# Converting Colors

Hex(016074)

Have a look what the booklet for  
Hex(016074) contains.

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# Color

**Hex(016074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	016074
RGB	1, 96, 116
RGB Percent	0%, 38%, 45%
CMY	0.9961, 0.6235, 0.5451
CMYK	0.99, 0.17, 0.00, 0.55
HSL	190°, 98%, 23%
HSV	190°, 99%, 45%
XYZ	7.3478, 9.6331, 17.9951
YIQ	69.8750, -63.0400, -13.9200

# Conversions

## Conversions Part 2

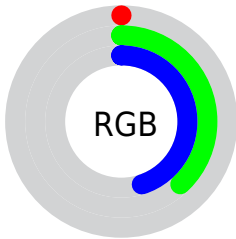
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 53, 116
Decimal	90228
CIELab	37.18, -16.21, -18.07
CIELCh	37, 24.277, 228.115
Yxy	9.6331, 0.2101, 0.2754
Android (android.graphics.Color)	4278280308 (0xFF016074)
YUV	69.8750, 22.7396, -60.4034
Hunter-Lab	31.0373, -12.0572, -12.6496

# Details

The Hex color **016074** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **741501**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4B93A8**, and **003144** is the 20% darker color. If you saturate the color by 10%, you get **006074**, and if you desaturate by 10%, it is **0D6274**.

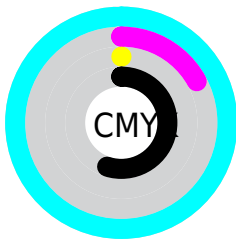
# Distribution



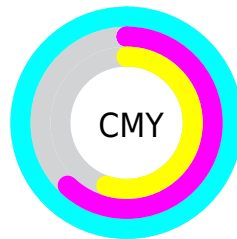
- Red (0%)
- Green (38%)
- Blue (45%)



- Red (0%)
- Yellow (21%)
- Blue (45%)



- Cyan (99%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 016074 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 016074 by changing the saturation by 10% instead.



016074

016074

FFFFFF

00485B

4B93A8

003144

67ADC3

001D2D

83C9DF

000119

9FE5FC

000000

BBFFFF

D8FFFF

F6FFFF

016074

016074

■ 006074

■ 0D6274

■ 186474

■ 246674

■ 2F6874

■ 3B6A74

■ 476C74

■ 526E74

■ 5E7074

■ 697274

# Harmonies

## Analogous

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



056263



016074



2C5C7D

# Triad

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



016074



784960



585A32

# Complementary

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



016074



741501

# 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.



6B5431



016074



7E494C

# Square

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



016074



684E72



784D3B



425F3D

# Rectangle

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



016074



44587E



784D3B



5F5830



# Sweetspot

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



016074



698F96



017414



31484D



CCCCCC



4D4D4D



# Same Dimension

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



016074



007C96



012774



353A3B



00657A



00CEFA



# Inverse Universe

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



740160



96007C



744E01



3B353A



7A0065



FA00CE



# Previews

## White Background



This preview shows how the Hex color 016074 looks on a white background.

## Color Contrast Check

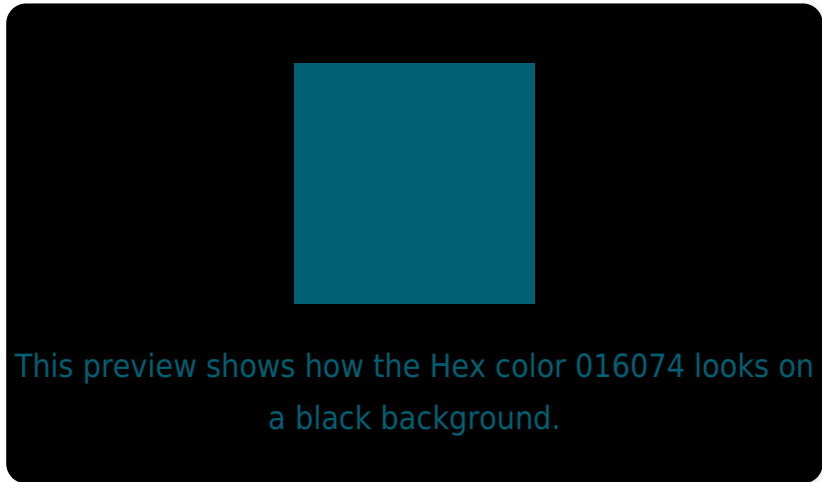
Large Text (above 18pt) WCAG AA ✓ Pass

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

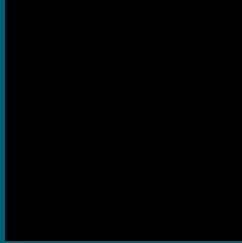
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 016074 Background



This preview shows how black text looks on a background with the Hex color 016074.

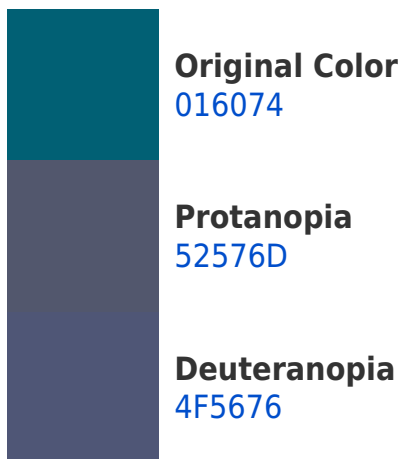


This preview shows how white text looks on a background with the Hex color 016074.

# Color Blindness Simulation

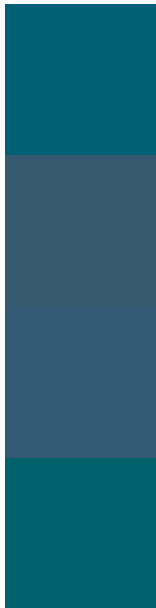
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
016074

**Protanomaly**  
355A70

**Deuteranomaly**  
335A75

**Tritanomaly**  
00616D

# Monochromacy



**Original Color**  
016074

**Achromatopsia**  
464646

**Achromatomaly**  
2D4F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 016074 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 #016074 looks like.

```
.text, #text, p{  
    color:#016074  
}
```

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 #016074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016074
}
```

## Border

The CSS property to change the border of an element to Hex 016074 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
#016074 }
```

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

```
.border{ border-color:#016074 }
```

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

Here you see how a box with a 4 pixel #016074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016074; -webkit-box-shadow:4px 4px  
4px 4px #016074; box-shadow:4px 4px 4px  
4px #016074 }
```

# Background

The CSS property to change the background color of an element to Hex 016074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016074 }
```

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

```
.background{ background-color:#016074 }
```

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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