

# Converting Colors

Hex(066B75)

Have a look what the booklet for  
Hex(066B75) contains.

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# Color

Hex(066B75)

# Conversions

## Conversions Part 1

Format	Color
Hex	066B75
RGB	6, 107, 117
RGB Percent	2%, 42%, 46%
CMY	0.9765, 0.5804, 0.5412
CMYK	0.95, 0.09, 0.00, 0.54
HSL	185°, 90%, 24%
HSV	185°, 95%, 46%
XYZ	8.5437, 11.8385, 18.6644
YIQ	77.9410, -63.4060, -18.3020

# Conversions

## Conversions Part 2

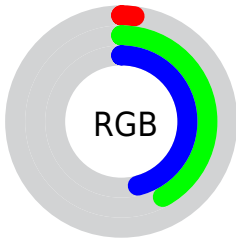
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 59, 117
Decimal	420725
CIELab	40.96, -21.53, -12.90
CIELCh	41, 25.098, 210.920
Yxy	11.8385, 0.2188, 0.3032
Android (android.graphics.Color)	4278610805 (0xFF066B75)
YUV	77.9410, 19.2561, -63.0923
Hunter-Lab	34.4071, -15.8887, -8.0774

# Details

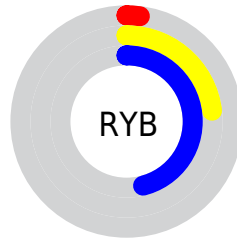
The Hex color **066B75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **751006**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4E9FA9**, and **003B45** is the 20% darker color. If you saturate the color by 10%, you get **006A75**, and if you desaturate by 10%, it is **126C75**.

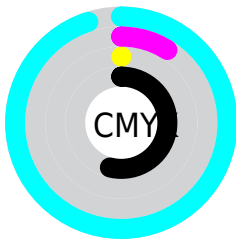
# Distribution



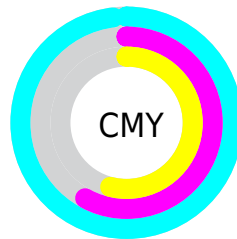
- Red (2%)
- Green (42%)
- Blue (46%)



- Red (2%)
- Yellow (23%)
- Blue (46%)



- Cyan (95%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (58%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 066B75 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 066B75 by changing the saturation by 10% instead.



066B75

066B75

FFFFFF

00535C

4E9FA9

003B45

6BBAC4

00252F

87D6E0

00081A

A3F2FD

000000

BFFFFFF

DDFFFF

FAFFFF

066B75

066B75

■ 006A75

■ 126C75

■ 1D6D75

■ 296E75

■ 356F75

■ 417075

■ 4C7175

■ 587275

■ 647375

■ 6F7475

# Harmonies

## Analogous

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



236C61



066B75



1E6884

# Triad

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



066B75



7B5475



6D6037

# Complementary

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



066B75



751006

# 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.



7E583D



066B75



875161

# Square

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



066B75



645B84



88524C



58663D

# Rectangle

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



066B75



386489



88524C



745D38



# Sweetspot

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



066B75



6E9599



06750F



324A4D



CCCCCC



4D4D4D



# Same Dimension

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



066B75



008B99



063475



353A3B



006F7A



00E3FA



# Inverse Universe

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



75066B



99008B



754706



3B353A



7A006F



FA00E3



# Previews

## White Background



This preview shows how the Hex color 066B75 looks on a white background.

## Color Contrast Check

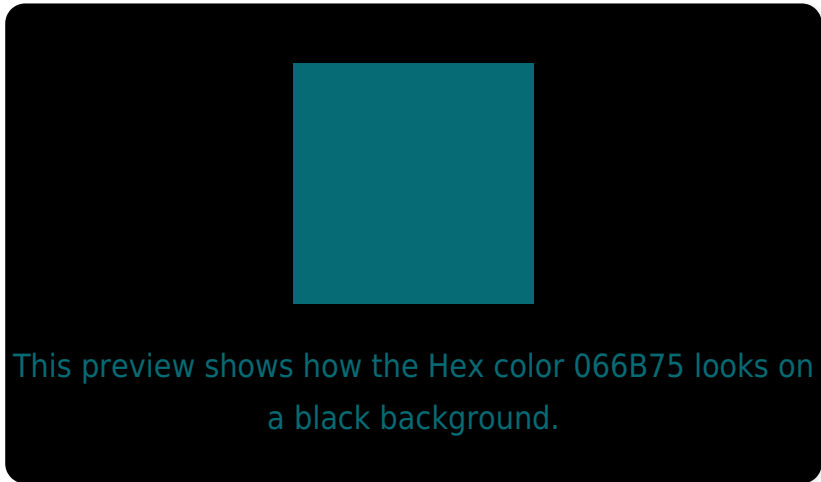
Large Text (above 18pt) WCAG AA ✓ Pass

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

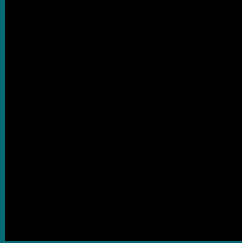
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 066B75 Background



This preview shows how black text looks on a background with the Hex color 066B75.

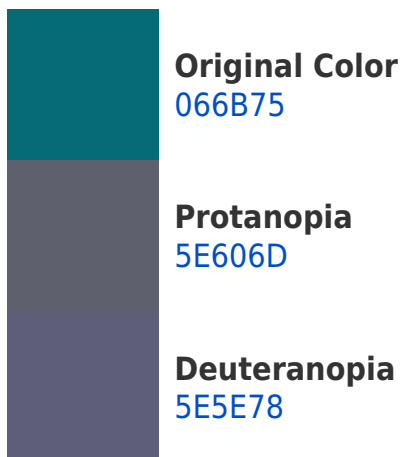


This preview shows how white text looks on a background with the Hex color 066B75.

# 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](#).

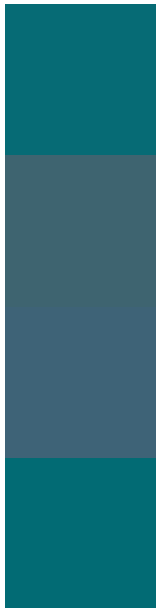
## Dichromacy





**Tritanopia**  
006B74

# Trichromacy



**Original Color**  
066B75

**Protanomaly**  
3E6470

**Deuteranomaly**  
3E6377

**Tritanomaly**  
026B74

# Monochromacy



**Original Color**  
066B75

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
34595C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 066B75 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 #066B75 looks like.

```
.text, #text, p{  
    color:#066B75  
}
```

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 #066B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066B75
}
```

## Border

The CSS property to change the border of an element to Hex 066B75 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
#066B75 }
```

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

```
.border{ border-color:#066B75 }
```

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

Here you see how a box with a 4 pixel #066B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066B75; -webkit-box-shadow:4px 4px  
4px 4px #066B75; box-shadow:4px 4px 4px  
4px #066B75 }
```

# Background

The CSS property to change the background color of an element to Hex 066B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066B75 }
```

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

```
.background{ background-color:#066B75 }
```

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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