

# Converting Colors

Hex(075665)

Have a look what the booklet for  
Hex(075665) contains.

<b>Hex(075665)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(075665)

# Conversions

## Conversions Part 1

Format	Color
Hex	075665
RGB	7, 86, 101
RGB Percent	3%, 34%, 40%
CMY	0.9725, 0.6627, 0.6039
CMYK	0.93, 0.15, 0.00, 0.60
HSL	190°, 87%, 21%
HSV	190°, 93%, 40%
XYZ	5.7644, 7.6403, 13.4828
YIQ	64.0890, -51.8990, -12.0830

# Conversions

## Conversions Part 2

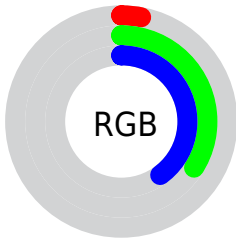
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 50, 101
Decimal	480869
CIELab	33.22, -15.72, -14.82
CIElCh	33, 21.605, 223.313
Yxy	7.6403, 0.2144, 0.2842
Android (android.graphics.Color)	4278670949 (0xFF075665)
YUV	64.0890, 18.1971, -50.0671
Hunter-Lab	27.6412, -11.1471, -9.5717

# Details

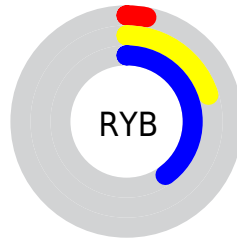
The Hex color **075665** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **651607**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **498898**, and **002836** is the 20% darker color. If you saturate the color by 10%, you get **005565**, and if you desaturate by 10%, it is **115865**.

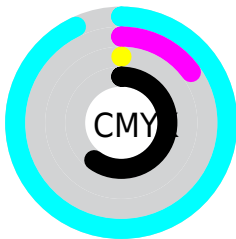
# Distribution



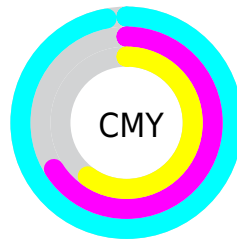
- Red (3%)
- Green (34%)
- Blue (40%)



- Red (3%)
- Yellow (20%)
- Blue (40%)



- Cyan (93%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)



- Cyan (97%)
- Magenta (66%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 075665 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 075665 by changing the saturation by 10% instead.



 075665

 075665

FFFFFF

 003F4D

 498898

 002836

 64A2B3

 001521

 7FBDCE

 000008

 9AD9EA

 000000

 B6F6FF

 D3FFFF

 F0FFFF

 075665

 075665

■ 005565

■ 115865

■ 1B5965

■ 255B65

■ 2F5C65

■ 3A5E65

■ 446065

■ 4E6165

■ 586365

■ 626565

# Harmonies

## Analogous

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



115755



075665



24536E

# Triad

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



075665



694258



52502C

# Complementary

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



075665



651607

# 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.



624A2E



075665



6F4147

# Square

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



075665



5A4767



6C4437



3F5435

# Rectangle

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



075665



394F70



6C4437



584E2C



# Sweetspot

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



075665



5E7C82



076515



2C3F42



C2C2C2



424242



# Same Dimension

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



075665



006D82



072865



2E3233



006073



00CCF2



# Inverse Universe

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



650756



82006D



654407



332E32



730060



F200CC



# Previews

## White Background



This preview shows how the Hex color 075665 looks on a white background.

## Color Contrast Check

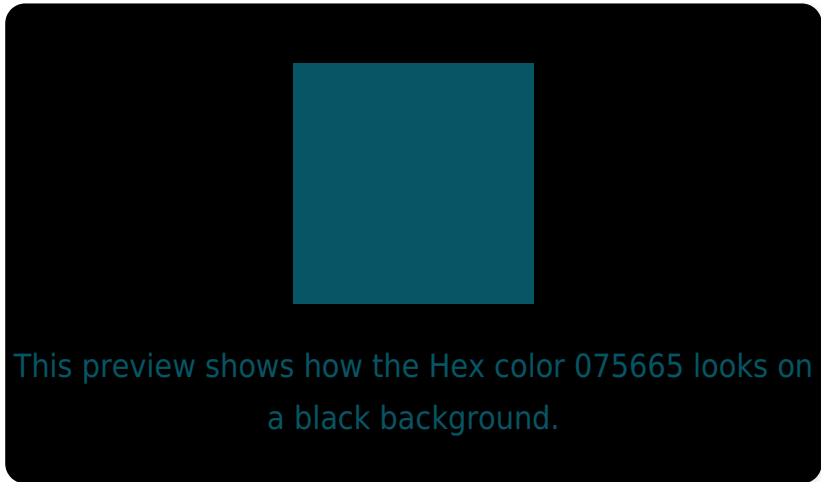
Large Text (above 18pt) WCAG AA ✓ Pass

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

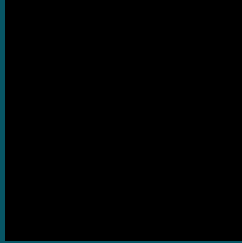
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 075665 Background



This preview shows how black text looks on a background with the Hex color 075665.

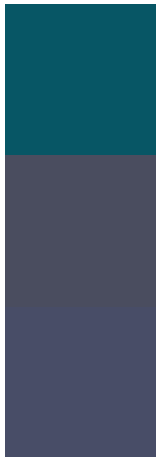


This preview shows how white text looks on a background with the Hex color 075665.

# 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



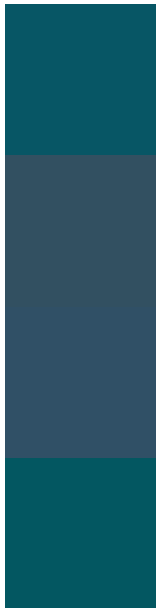
**Original Color**  
075665

**Protanopia**  
4A4D5F

**Deuteranopia**  
484D67



# Trichromacy



**Original Color**  
075665

**Protanomaly**  
325061

**Deuteranomaly**  
305066

**Tritanomaly**  
035761

# Monochromacy



**Original Color**  
075665

**Achromatopsia**  
404040

**Achromatomaly**  
2B484D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 075665 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 #075665 looks like.

```
.text, #text, p{  
    color:#075665  
}
```

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 #075665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075665
}
```

## Border

The CSS property to change the border of an element to Hex 075665 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
#075665 }
```

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

```
.border{ border-color:#075665 }
```

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

Here you see how a box with a 4 pixel #075665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075665; -webkit-box-shadow:4px 4px  
4px 4px #075665; box-shadow:4px 4px 4px  
4px #075665 }
```

# Background

The CSS property to change the background color of an element to Hex 075665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075665 }
```

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

```
.background{ background-color:#075665 }
```

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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