

# Converting Colors

Hex(005865)

Have a look what the booklet for  
Hex(005865) contains.

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# Color

Hex(005865)

# Conversions

## Conversions Part 1

Format	Color
Hex	005865
RGB	0, 88, 101
RGB Percent	0%, 35%, 40%
CMY	1.0000, 0.6549, 0.6039
CMYK	1.00, 0.13, 0.00, 0.60
HSL	188°, 100%, 20%
HSV	188°, 100%, 40%
XYZ	5.8387, 7.9190, 13.5327
YIQ	63.1700, -56.6210, -14.6130

# Conversions

## Conversions Part 2

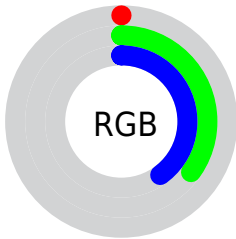
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 47, 101
Decimal	22629
CIELab	33.81, -17.43, -13.92
CIELCh	34, 22.307, 218.622
Yxy	7.9190, 0.2139, 0.2902
Android (android.graphics.Color)	4278212709 (0xFF005865)
YUV	63.1700, 18.6502, -55.4001
Hunter-Lab	28.1408, -12.2109, -8.8136

# Details

The Hex color **005865** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **650D00**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **468A98**, and **002A36** is the 20% darker color. If you saturate the color by 10%, you get **005865**, and if you desaturate by 10%, it is **0A5965**.

# Distribution



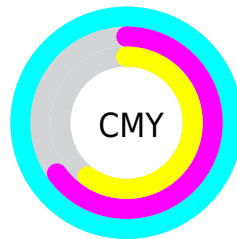
- Red (0%)
- Green (35%)
- Blue (40%)



- Red (0%)
- Yellow (18%)
- Blue (40%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (65%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005865 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 005865 by changing the saturation by 10% instead.



005865

005865

FFFFFF

00404D

468A98

002A36

62A5B3

001721

7DC0CE

000008

99DCEA

000000

B5F8FF

D1FFFF

FFFFFF

005865

■ 0A5965

■ 145B65

■ 1E5C65

■ 285D65

■ 335F65

■ 3D6065

■ 476165

■ 516265

■ 5B6465

# Harmonies

## Analogous

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



125954



005865



1E5570

# Triad

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



005865



6A445D



56502C

# Complementary

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



005865



650D00

# 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.



664A2F



005865



72424B

# Square

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



005865



58496B



70443A



435533

# Rectangle

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



005865



345173



70443A



5C4E2C



# Sweetspot

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



005865



5B7D82



00650C



2A3F42



C2C2C2



424242



# Same Dimension

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



005865



007182



002765



2E3233



006473



00D3F2



# Inverse Universe

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



650058



820071



653E00



332E32



730064



F200D3



# Previews

## White Background



This preview shows how the Hex color 005865 looks on a white background.

## Color Contrast Check

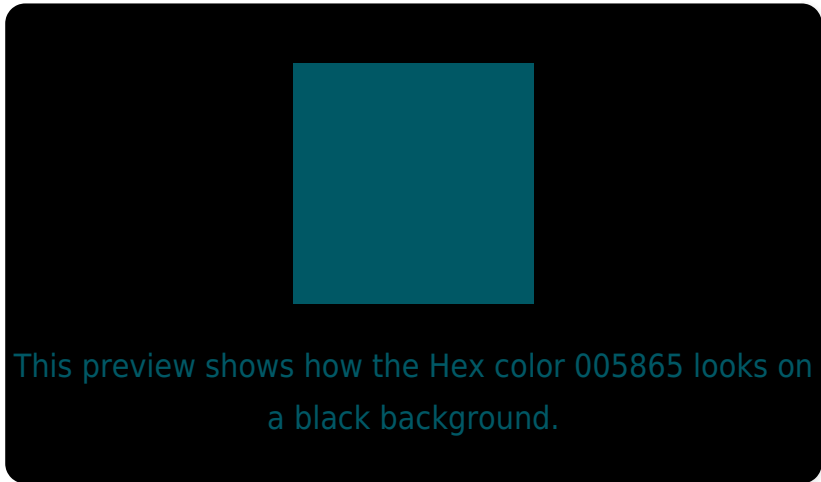
Large Text (above 18pt) WCAG AA ✓ Pass

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

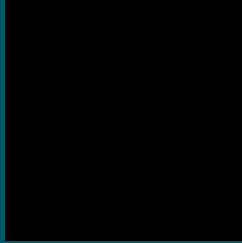
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005865 Background



This preview shows how black text looks on a background with the Hex color 005865.

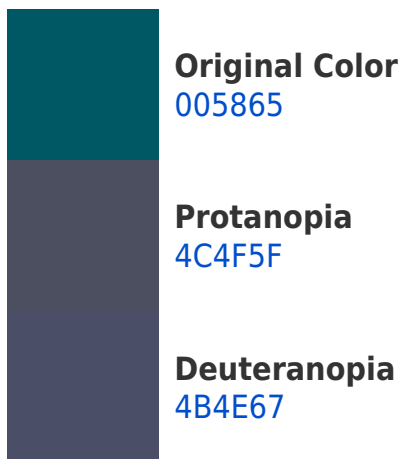


This preview shows how white text looks on a background with the Hex color 005865.

# Color Blindness Simulation

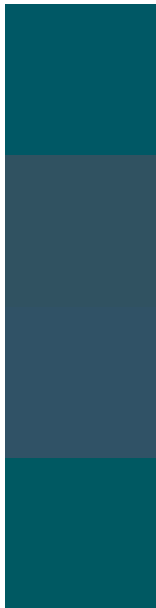
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
005865

**Protanomaly**  
305261

**Deuteranomaly**  
305266

**Tritanomaly**  
005962

# Monochromacy



**Original Color**  
005865

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
28484D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005865 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 #005865 looks like.

```
.text, #text, p{  
    color:#005865  
}
```

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 #005865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005865
}
```

## Border

The CSS property to change the border of an element to Hex 005865 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
#005865 }
```

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

```
.border{ border-color:#005865 }
```

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

Here you see how a box with a 4 pixel #005865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005865; -webkit-box-shadow:4px 4px  
4px 4px #005865; box-shadow:4px 4px 4px  
4px #005865 }
```

# Background

The CSS property to change the background color of an element to Hex 005865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005865 }
```

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

```
.background{ background-color:#005865 }
```

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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