

# Converting Colors

Hex(005C5F)

Have a look what the booklet for  
Hex(005C5F) contains.

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# Color

Hex(005C5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	005C5F
RGB	0, 92, 95
RGB Percent	0%, 36%, 37%
CMY	1.0000, 0.6392, 0.6275
CMYK	1.00, 0.03, 0.00, 0.63
HSL	182°, 100%, 19%
HSV	182°, 100%, 37%
XYZ	5.8927, 8.4805, 12.1528
YIQ	64.8340, -55.7950, -18.5710

# Conversions

## Conversions Part 2

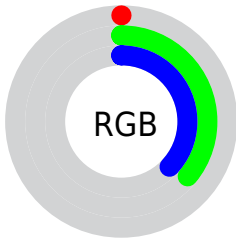
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 47, 95
Decimal	23647
CIE <sub>Lab</sub>	34.96, -21.78, -8.43
CIE <sub>LCh</sub>	35, 23.354, 201.147
Yxy	8.4805, 0.2221, 0.3197
Android (android.graphics.Color)	4278213727 (0xFF005C5F)
YUV	64.8340, 14.8718, -56.8594
Hunter-Lab	29.1213, -14.8428, -4.3577

# Details

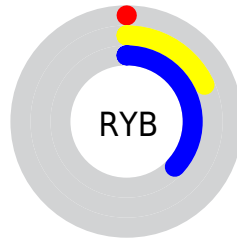
The Hex color **005C5F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F0300**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **468F91**, and **002D31** is the 20% darker color. If you saturate the color by 10%, you get **005C5F**, and if you desaturate by 10%, it is **095C5F**.

# Distribution



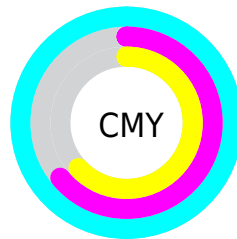
- Red (0%)
- Green (36%)
- Blue (37%)



- Red (0%)
- Yellow (18%)
- Blue (37%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (64%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005C5F 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 005C5F by changing the saturation by 10% instead.



005C5F

005C5F

FFFFFF

004447

468F91

002D31

61A9AC

001B1C

7DC5C7

000000

98E1E3

B4FDFF

D1FFFF

EEFFFF

005C5F

■ 095C5F

■ 135D5F

■ 1D5D5F

■ 265D5F

■ 305E5F

■ 395E5F

■ 435E5F

■ 4C5E5F

■ 565F5F

# Harmonies

## Analogous

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



225C4C



005C5F



035A6F

# Triad

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



005C5F



64496A



634F2D

# Complementary

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



005C5F



5F0300

# 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.



714936



005C5F



734459

# Square

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



005C5F



4C4F75



764446



51552F

# Rectangle

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



005C5F



205775



764446



684D2F



# Sweetspot

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



005C5F



56797A



005F02



273D3D



BDBDBD



3D3D3D



# Same Dimension

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



005C5F



00777A



002E5F



2C3030



006D70



00E8F0



# Inverse Universe

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



5F005C



7A0077



5F3100



302C30



70006D



F000E8



# Previews

## White Background



This preview shows how the Hex color 005C5F looks on a white background.

## Color Contrast Check

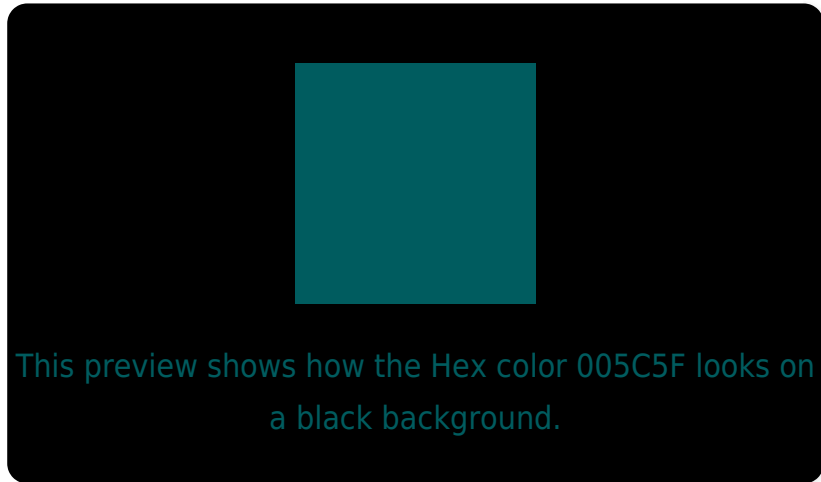
Large Text (above 18pt) WCAG AA ✓ Pass

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

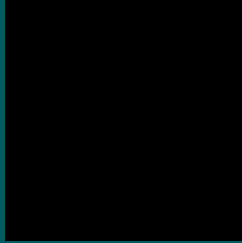
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005C5F Background



This preview shows how black text looks on a background with the Hex color 005C5F.

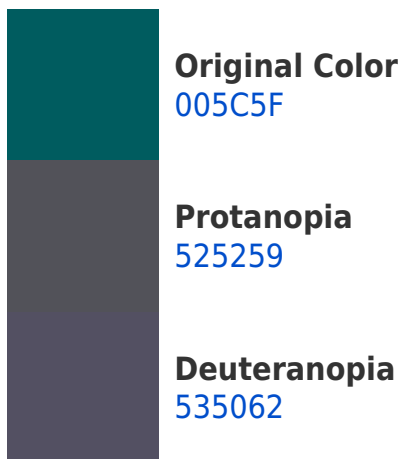


This preview shows how white text looks on a background with the Hex color 005C5F.

# 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](#).

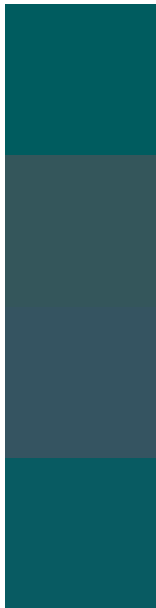
## Dichromacy





**Tritanopia**  
0D5B63

# Trichromacy



**Original Color**  
005C5F

**Protanomaly**  
34565B

**Deuteranomaly**  
355461

**Tritanomaly**  
085B62

# Monochromacy



**Original Color**  
005C5F

**Achromatopsia**  
414141

**Achromatomaly**  
294B4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005C5F 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 #005C5F looks like.

```
.text, #text, p{  
    color:#005C5F  
}
```

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 #005C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C5F
}
```

## Border

The CSS property to change the border of an element to Hex 005C5F 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
#005C5F }
```

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

```
.border{ border-color:#005C5F }
```

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

Here you see how a box with a 4 pixel #005C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C5F; -webkit-box-shadow:4px 4px  
4px 4px #005C5F; box-shadow:4px 4px 4px  
4px #005C5F }
```

# Background

The CSS property to change the background color of an element to Hex 005C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C5F }
```

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

```
.background{ background-color:#005C5F }
```

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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