

Converting Colors

Hex(005E5F)

Have a look what the booklet for
Hex(005E5F) contains.

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Color

Hex(005E5F)

Conversions

Conversions Part 1

Format	Color
Hex	005E5F
RGB	0, 94, 95
RGB Percent	0%, 37%, 37%
CMY	1.0000, 0.6314, 0.6275
CMYK	1.00, 0.01, 0.00, 0.63
HSL	181°, 100%, 19%
HSV	181°, 100%, 37%
XYZ	6.0683, 8.8316, 12.2113
YIQ	66.0080, -56.3450, -19.6170

Conversions

Conversions Part 2

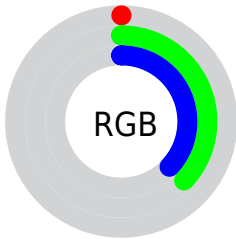
Format	Color
RYB	0, 47, 95
Decimal	24159
CIELab	35.66, -22.83, -7.38
CIELCh	36, 23.990, 197.924
Yxy	8.8316, 0.2238, 0.3258
Android (android.graphics.Color)	4278214239 (0xFF005E5F)
YUV	66.0080, 14.2931, -57.8890
Hunter-Lab	29.7181, -15.5579, -3.5600

Details

The Hex color **005E5F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F0100**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **469191**, and **002F31** is the 20% darker color. If you saturate the color by 10%, you get **005E5F**, and if you desaturate by 10%, it is **095E5F**.

Distribution



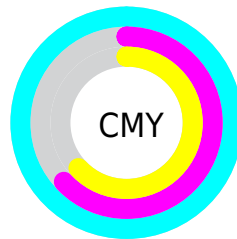
- Red (0%)
- Green (37%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (63%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 005E5F 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 005E5F by changing the saturation by 10% instead.

005E5F

005E5F

FFFFFF

004647

469191

002F31

62ACAC

001C1C

7DC7C7

000000

99E3E3

B5FFFF

D1FFFF

FFFFFF

005E5F

■ 095E5F

■ 135E5F

■ 1D5E5F

■ 265E5F

■ 305F5F

■ 395F5F

■ 435F5F

■ 4C5F5F

■ 565F5F

Harmonies

Analogous

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



255E4B



005E5F



005C70

Triad

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



005E5F



644B6E



67502E

Complementary

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



005E5F



5F0100

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.



744938



005E5F



74465C

Square

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



005E5F



4A5278



794549



55562F

Rectangle

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



005E5F



1B5A77



794549



6C4E31

Sweetspot

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



005E5F



567A7A



005F00



273D3D



BDBDBD



3D3D3D

Same Dimension

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



005E5F



00797A



00305F



2C3030



006F70



00EDF0

Inverse Universe

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



5F005E



7A0079



5F3000



302C30



70006F



F000ED

Previews

White Background



This preview shows how the Hex color 005E5F looks on a white background.

Color Contrast Check

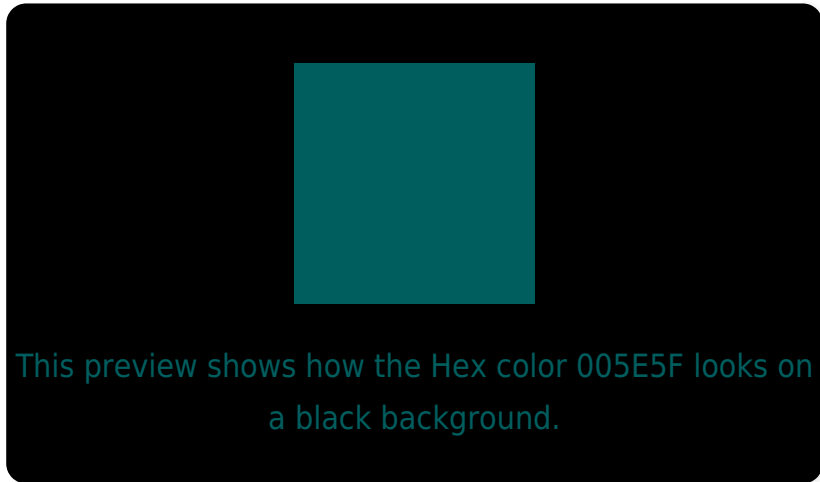
Large Text (above 18pt) WCAG AA ✓ Pass

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

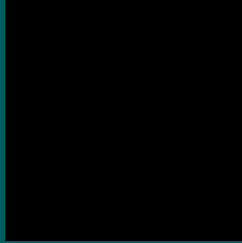
Any Text WCAG AA × Fail

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 005E5F Background



This preview shows how black text looks on a background with the Hex color 005E5F.

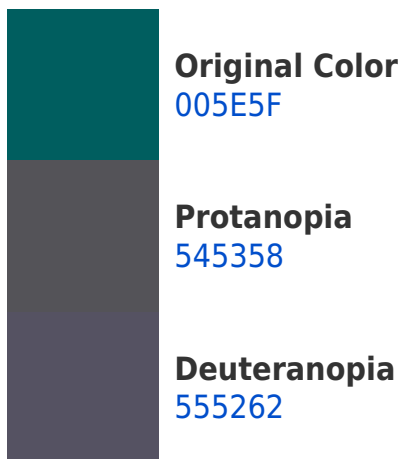



This preview shows how white text looks on a background with the Hex color 005E5F.

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](#).

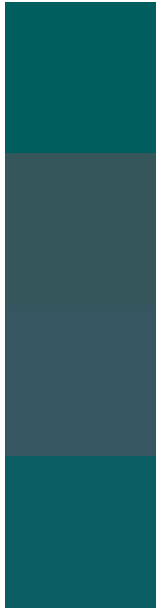
Dichromacy





Tritanopia
105D65

Trichromacy



Original Color
00E5F

Protanomaly
35575B

Deuteranomaly
365661

Tritanomaly
0A5D63

Monochromacy



Original Color
00E5F

Achromatopsia
424242

Achromatomaly
2A4C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005E5F 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 #005E5F looks like.

```
.text, #text, p{  
    color:#005E5F  
}
```

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 #005E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E5F
}
```

Border

The CSS property to change the border of an element to Hex 005E5F 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
#005E5F }
```

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

```
.border{ border-color:#005E5F }
```

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

Here you see how a box with a 4 pixel #005E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E5F; -webkit-box-shadow:4px 4px  
4px 4px #005E5F; box-shadow:4px 4px 4px  
4px #005E5F }
```

Background

The CSS property to change the background color of an element to Hex 005E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E5F }
```

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

```
.background{ background-color:#005E5F }
```

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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