

Converting Colors

Hex(005E65)

Have a look what the booklet for
Hex(005E65) contains.

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Color

Hex(005E65)

Conversions

Conversions Part 1

Format	Color
Hex	005E65
RGB	0, 94, 101
RGB Percent	0%, 37%, 40%
CMY	1.0000, 0.6314, 0.6039
CMYK	1.00, 0.07, 0.00, 0.60
HSL	184°, 100%, 20%
HSV	184°, 100%, 40%
XYZ	6.3517, 8.9450, 13.7037
YIQ	66.6920, -58.2710, -17.7510

Conversions

Conversions Part 2

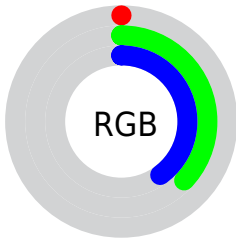
Format	Color
RYB	0, 49, 101
Decimal	24165
CIELab	35.88, -20.71, -10.78
CIELCh	36, 23.350, 207.503
Yxy	8.9450, 0.2190, 0.3084
Android (android.graphics.Color)	4278214245 (0xFF005E65)
YUV	66.6920, 16.9138, -58.4889
Hunter-Lab	29.9082, -14.4309, -6.2305

Details

The Hex color **005E65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **650700**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **479198**, and **002F36** is the 20% darker color. If you saturate the color by 10%, you get **005E65**, and if you desaturate by 10%, it is **0A5F65**.

Distribution



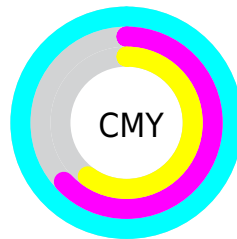
- Red (0%)
- Green (37%)
- Blue (40%)



- Red (0%)
- Yellow (19%)
- Blue (40%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005E65 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 005E65 by changing the saturation by 10% instead.

005E65

005E65

FFFFFF

00464D

479198

002F36

63ABB3

001C21

7EC7CE

000009

9AE3EA

000000

B6FFFF

D3FFFF

F0FFFF

005E65

■ 0A5F65

■ 145F65

■ 1E6065

■ 286165

■ 336165

■ 3D6265

■ 476365

■ 516465

■ 5B6465

Harmonies

Analogous

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



1F5E52



005E65



125C73

Triad

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



005E65



6A4A69



62532F

Complementary

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



005E65



650700

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.



714C35



005E65



774657

Square

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



005E65



545075



784744



4F5833

Rectangle

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



005E65



2B5979



784744



675130

Sweetspot

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



005E65



5B7F82



006507



2A4142



C2C2C2



424242

Same Dimension

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



005E65



007982



002C65



2E3333



006B73



00E1F2

Inverse Universe

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



65005E



820079



653900



332E33



73006B



F200E1

Previews

White Background



This preview shows how the Hex color 005E65 looks on a white background.

Color Contrast Check

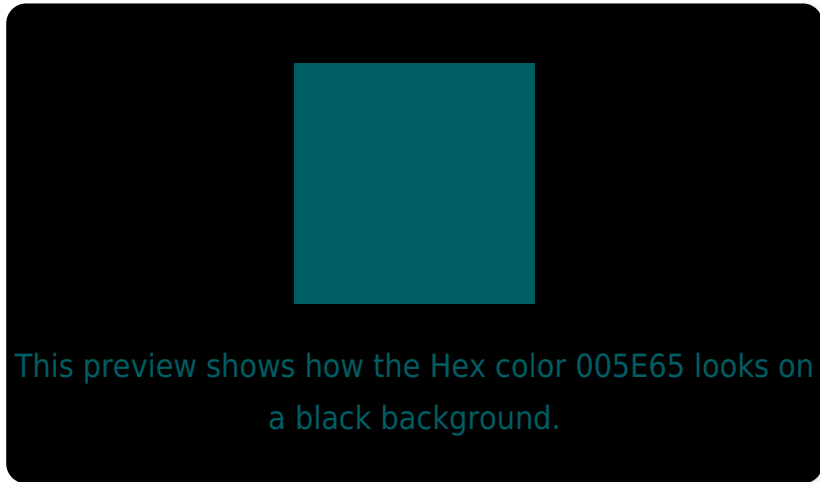
Large Text (above 18pt) WCAG AA ✓ Pass

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

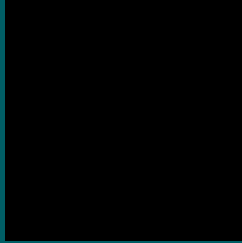
Any Text WCAG AA × Fail

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 005E65 Background



This preview shows how black text looks on a background with the Hex color 005E65.

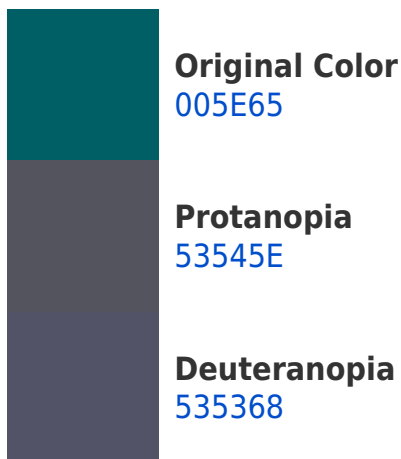


This preview shows how white text looks on a background with the Hex color 005E65.

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](#).

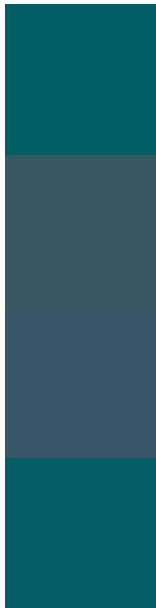
Dichromacy





Tritanopia
065E66

Trichromacy



Original Color
005E65

Protanomaly
355861

Deuteranomaly
355767

Tritanomaly
045E66

Monochromacy



Original Color
005E65

Achromatopsia
434343

Achromatomaly
2B4D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005E65 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 #005E65 looks like.

```
.text, #text, p{  
    color:#005E65  
}
```

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 #005E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E65
}
```

Border

The CSS property to change the border of an element to Hex 005E65 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
#005E65 }
```

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

```
.border{ border-color:#005E65 }
```

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

Here you see how a box with a 4 pixel #005E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E65; -webkit-box-shadow:4px 4px  
4px 4px #005E65; box-shadow:4px 4px 4px  
4px #005E65 }
```

Background

The CSS property to change the background color of an element to Hex 005E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E65 }
```

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

```
.background{ background-color:#005E65 }
```

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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