

Converting Colors

Hex(005550)

Have a look what the booklet for
Hex(005550) contains.

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Color

Hex(005550)

Conversions

Conversions Part 1

Format	Color
Hex	005550
RGB	0, 85, 80
RGB Percent	0%, 33%, 31%
CMY	1.0000, 0.6667, 0.6863
CMYK	1.00, 0.00, 0.06, 0.67
HSL	176°, 100%, 17%
HSV	176°, 100%, 33%
XYZ	4.6965, 7.0762, 8.7077
YIQ	59.0150, -49.0550, -19.5750

Conversions

Conversions Part 2

Format	Color
RYB	0, 44, 85
Decimal	21840
CIELab	31.98, -23.33, -3.44
CIELCh	32, 23.585, 188.397
Yxy	7.0762, 0.2293, 0.3455
Android (android.graphics.Color)	4278211920 (0xFF005550)
YUV	59.0150, 10.3456, -51.7562
Hunter-Lab	26.6011, -15.0375, -0.7875

Details

The Hex color **005550** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **550005**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **428781**, and **002724** is the 20% darker color. If you saturate the color by 10%, you get **005550**, and if you desaturate by 10%, it is **085551**.

Distribution



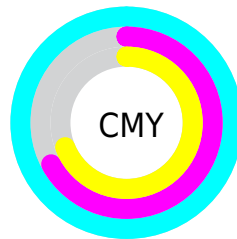
- Red (0%)
- Green (33%)
- Blue (31%)



- Red (0%)
- Yellow (17%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (69%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005550 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 005550 by changing the saturation by 10% instead.

 005550

 005550


FFFFFF

 003D39

 428781

 002724

 5DA29B

 000E0F

 78BDB6

 000000

 93D9D1

 AFF5EE

 CBFFFF

 E8FFFF

 005550

■ 085551

■ 115551

■ 195552

■ 225552

■ 2A5553

■ 335553

■ 3B5554

■ 445554

■ 4C5554

Harmonies

Analogous

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



26543D



005550



005462

Triad

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



005550



544468



624529

Complementary

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



005550



550005

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.



6D3F35



005550



673E59

Square

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



005550



384B70



6F3C47



524C26

Rectangle

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



005550



00526A



6F3C47



66432C

Sweetspot

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



005550



4D6E6C



065500



243837



B8B8B8



383838

Same Dimension

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



005550



006E67



003055



272B2B



006B65



00EBDD

Inverse Universe

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



550005



6E0006



552500



2B2727



6B0006



EB000E

Previews

White Background



This preview shows how the Hex color 005550 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

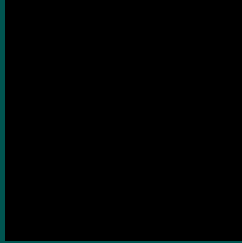
Any Text WCAG AA × Fail

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 005550 Background



This preview shows how black text looks on a background with the Hex color 005550.

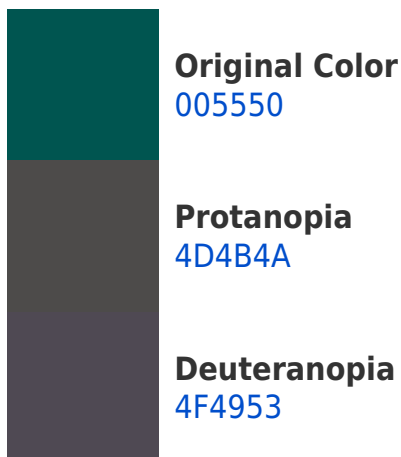



This preview shows how white text looks on a background with the Hex color 005550.

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](#).

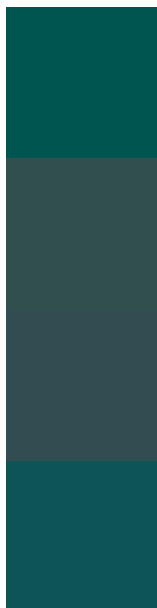
Dichromacy





Tritanopia
13535A

Trichromacy



Original Color

005550

Protanomaly

314F4C

Deuteranomaly

324D52

Tritanomaly

0C5456

Monochromacy



Original Color

005550

Achromatopsia

3B3B3B

Achromatomaly

264443

CSS Examples

Text

The CSS property to change the color of the text to Hex 005550 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 #005550 looks like.

```
.text, #text, p{  
    color:#005550  
}
```

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 #005550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005550
}
```

Border

The CSS property to change the border of an element to Hex 005550 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
#005550 }
```

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

```
.border{ border-color:#005550 }
```

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

Here you see how a box with a 4 pixel #005550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005550; -webkit-box-shadow:4px 4px  
4px 4px #005550; box-shadow:4px 4px 4px  
4px #005550 }
```

Background

The CSS property to change the background color of an element to Hex 005550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005550 }
```

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

```
.background{ background-color:#005550 }
```

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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