

Converting Colors

Hex(005B55)

Have a look what the booklet for
Hex(005B55) contains.

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Color

Hex(005B55)

Conversions

Conversions Part 1

Format	Color
Hex	005B55
RGB	0, 91, 85
RGB Percent	0%, 36%, 33%
CMY	1.0000, 0.6431, 0.6667
CMYK	1.00, 0.00, 0.07, 0.64
HSL	176°, 100%, 18%
HSV	176°, 100%, 36%
XYZ	5.3808, 8.1380, 9.8815
YIQ	63.1070, -52.3100, -21.1580

Conversions

Conversions Part 2

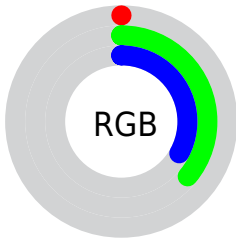
Format	Color
RYB	0, 47, 91
Decimal	23381
CIELab	34.27, -24.69, -3.21
CIELCh	34, 24.896, 187.402
Yxy	8.1380, 0.2299, 0.3478
Android (android.graphics.Color)	4278213461 (0xFF005B55)
YUV	63.1070, 10.7932, -55.3448
Hunter-Lab	28.5273, -16.2543, -0.5683

Details

The Hex color **005B55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B0006**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **448E87**, and **002C28** is the 20% darker color. If you saturate the color by 10%, you get **005B55**, and if you desaturate by 10%, it is **095B56**.

Distribution



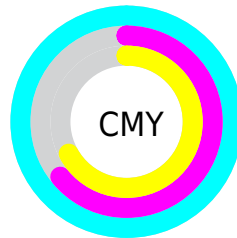
- Red (0%)
- Green (36%)
- Blue (33%)



- Red (0%)
- Yellow (18%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B55 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 005B55 by changing the saturation by 10% instead.

 005B55

 005B55

FFFFFF

 00433E

 448E87

 002C28

 5FA8A1

 001814

 7AC4BC

 000000

 96E0D7

 B2DFD4

 CEFFFF

 EBFFFF

 005B55

■ 095B56

■ 125B56

■ 1B5B57

■ 245B57

■ 2E5B58

■ 375B59

■ 405B59

■ 495B5A

■ 525B5A

Harmonies

Analogous

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



2A5A41



005B55



005A68

Triad

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



005B55



594A70



6A4A2C

Complementary

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



005B55



5B0006

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.



74443A



005B55



6D4360

Square

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



005B55



3B5178



76414C



585129

Rectangle

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



005B55



005871



76414C



6E4830

Sweetspot

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



005B55



527573



065B00



263B39



BABABA



3B3B3B

Same Dimension

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



005B55



00756E



00345B



292E2E



006E66



00EDDE

Inverse Universe

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



5B0006



750008



5B2700



2E292A



6E0007



ED0010

Previews

White Background



This preview shows how the Hex color 005B55 looks on a white background.

Color Contrast Check

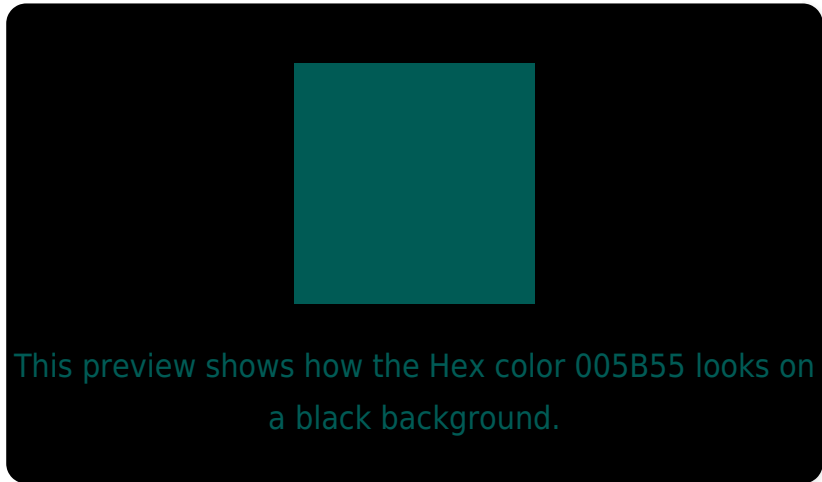
Large Text (above 18pt) WCAG AA ✓ Pass

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

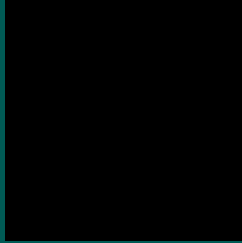
Any Text WCAG AA × Fail

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 005B55 Background



This preview shows how black text looks on a background with the Hex color 005B55.

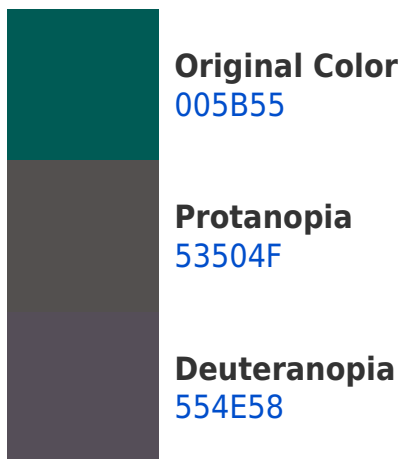



This preview shows how white text looks on a background with the Hex color 005B55.

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](#).

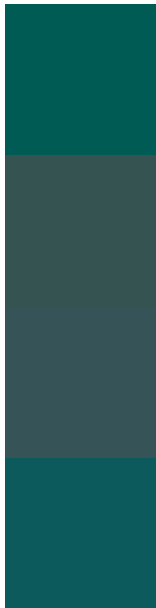
Dichromacy





Tritanopia
155961

Trichromacy



Original Color
005B55

Protanomaly
355451

Deuteranomaly
365357

Tritanomaly
0D5A5D

Monochromacy



Original Color
005B55

Achromatopsia
3F3F3F

Achromatomaly
284947

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B55 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 #005B55 looks like.

```
.text, #text, p{  
    color:#005B55  
}
```

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 #005B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B55  
}
```

Border

The CSS property to change the border of an element to Hex 005B55 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  
#005B55 }
```

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

```
.border{ border-color:#005B55 }
```

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

Here you see how a box with a 4 pixel #005B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B55; -webkit-box-shadow:4px 4px  
4px 4px #005B55; box-shadow:4px 4px 4px  
4px #005B55 }
```

Background

The CSS property to change the background color of an element to Hex 005B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B55 }
```

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

```
.background{ background-color:#005B55 }
```

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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