

Converting Colors

Hex(005B66)

Have a look what the booklet for
Hex(005B66) contains.

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Color

Hex(005B66)

Conversions

Conversions Part 1

Format	Color
Hex	005B66
RGB	0, 91, 102
RGB Percent	0%, 36%, 40%
CMY	1.0000, 0.6431, 0.6000
CMYK	1.00, 0.11, 0.00, 0.60
HSL	186°, 100%, 20%
HSV	186°, 100%, 40%
XYZ	6.1394, 8.4415, 13.8762
YIQ	65.0450, -57.7670, -15.8710

Conversions

Conversions Part 2

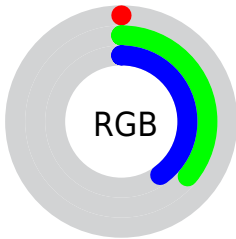
Format	Color
RYB	0, 48, 102
Decimal	23398
CIELab	34.89, -18.72, -12.91
CIELCh	35, 22.741, 214.596
Yxy	8.4415, 0.2157, 0.2966
Android (android.graphics.Color)	4278213478 (0xFF005B66)
YUV	65.0450, 18.2188, -57.0445
Hunter-Lab	29.0542, -13.1266, -7.9787

Details

The Hex color **005B66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660B00**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **478D99**, and **002D37** is the 20% darker color. If you saturate the color by 10%, you get **005B66**, and if you desaturate by 10%, it is **0A5C66**.

Distribution



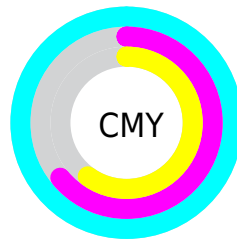
- Red (0%)
- Green (36%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B66 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 005B66 by changing the saturation by 10% instead.

 005B66

 005B66

FFFFFF

 00434E

 478D99

 002D37

 63A8B4

 001A22

 7EC3CF

 00000A

 9ADFE0

 000000

 B6FCFF

 D3FFFF

 F0FFFF

 005B66

■ 0A5C66

■ 145D66

■ 1F5E66

■ 295F66

■ 336066

■ 3D6266

■ 476366

■ 526466

■ 5C6566

Harmonies

Analogous

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



185C54



005B66



1B5872

Triad

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



005B66



6B4662



5B522D

Complementary

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



005B66



660B00

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.



6B4C32



005B66



754450

Square

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



005B66



584C70



74463E



485734

Rectangle

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



005B66



325576



74463E



61502E

Sweetspot

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



005B66



5D8085



00660A



2A4042



C2C2C2



424242

Same Dimension

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



005B66



007685



002966



2E3233



006673



00D8F2

Inverse Universe

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



66005B



850076



663D00



332E32



730066



F200D8

Previews

White Background



This preview shows how the Hex color 005B66 looks on a white background.

Color Contrast Check

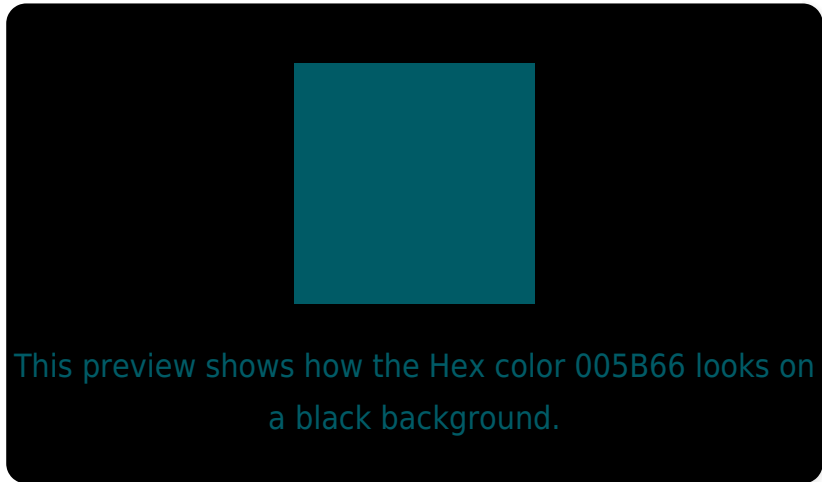
Large Text (above 18pt) WCAG AA ✓ Pass

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

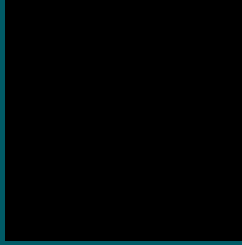
Any Text WCAG AA × Fail

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 005B66 Background



This preview shows how black text looks on a background with the Hex color 005B66.

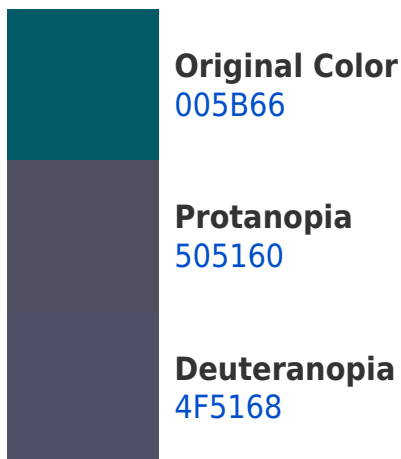


This preview shows how white text looks on a background with the Hex color 005B66.

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](#).

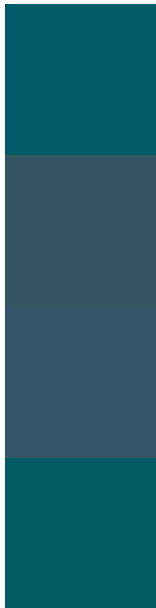
Dichromacy





Tritanopia
005B63

Trichromacy



Original Color
005B66

Protanomaly
335562

Deuteranomaly
325567

Tritanomaly
005B64

Monochromacy



Original Color
005B66

Achromatopsia
414141

Achromatomaly
294A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B66 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 #005B66 looks like.

```
.text, #text, p{  
    color:#005B66  
}
```

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 #005B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B66  
}
```

Border

The CSS property to change the border of an element to Hex 005B66 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  
#005B66 }
```

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

```
.border{ border-color:#005B66 }
```

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

Here you see how a box with a 4 pixel #005B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B66; -webkit-box-shadow:4px 4px  
4px 4px #005B66; box-shadow:4px 4px 4px  
4px #005B66 }
```

Background

The CSS property to change the background color of an element to Hex 005B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B66 }
```

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

```
.background{ background-color:#005B66 }
```

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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