

Converting Colors

Hex(005160)

Have a look what the booklet for
Hex(005160) contains.

Hex(005160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005160)

Conversions

Conversions Part 1

Format	Color
Hex	005160
RGB	0, 81, 96
RGB Percent	0%, 32%, 38%
CMY	1.0000, 0.6824, 0.6235
CMYK	1.00, 0.16, 0.00, 0.62
HSL	189°, 100%, 19%
HSV	189°, 100%, 38%
XYZ	5.0538, 6.7294, 12.0989
YIQ	58.4910, -53.0910, -12.5070

Conversions

Conversions Part 2

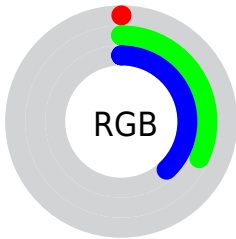
Format	Color
RYB	0, 44, 96
Decimal	20832
CIELab	31.18, -15.36, -14.80
CIELCh	31, 21.330, 223.945
Yxy	6.7294, 0.2116, 0.2818
Android (android.graphics.Color)	4278210912 (0xFF005160)
YUV	58.4910, 18.4919, -51.2966
Hunter-Lab	25.9411, -10.6221, -9.4940

Details

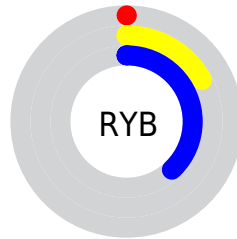
The Hex color **005160** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **600F00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **448293**, and **002432** is the 20% darker color. If you saturate the color by 10%, you get **005160**, and if you desaturate by 10%, it is **0A5360**.

Distribution



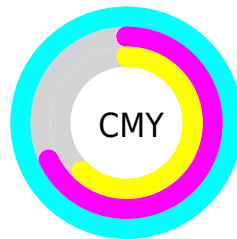
- Red (0%)
- Green (32%)
- Blue (38%)



- Red (0%)
- Yellow (17%)
- Blue (38%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005160 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 005160 by changing the saturation by 10% instead.

 005160

 005160

FFFFFF

 003A48

 448293

 002432

 5F9DAD

 000A1D

 7AB8C9

 000000

 96D3E5

 B2F0FF

 CEFFFF

 EBFFFF

 005160

■ 0A5360

■ 135460

■ 1D5660

■ 265760

■ 305960

■ 3A5A60

■ 435C60

■ 4D5D60

■ 565F60

Harmonies

Analogous

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



095251



005160



204E69

Triad

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



005160



643D53



4D4B28

Complementary

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



005160



600F00

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.



5C4529



005160



6A3C42

Square

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



005160



554261



674033



3A4F31

Rectangle

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



005160



354A6A



674033



524928

Sweetspot

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



005160



57777D



00600E



293C40



BFBFBF



404040

Same Dimension

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



005160



00697D



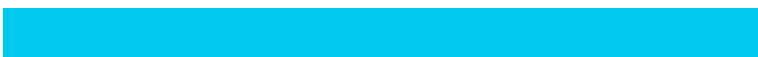
002260



2C3030



005F70



00CAF0

Inverse Universe

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



600051



7D0069



603E00



302C30



70005F



F000CA

Previews

White Background



This preview shows how the Hex color 005160 looks on a white background.

Color Contrast Check

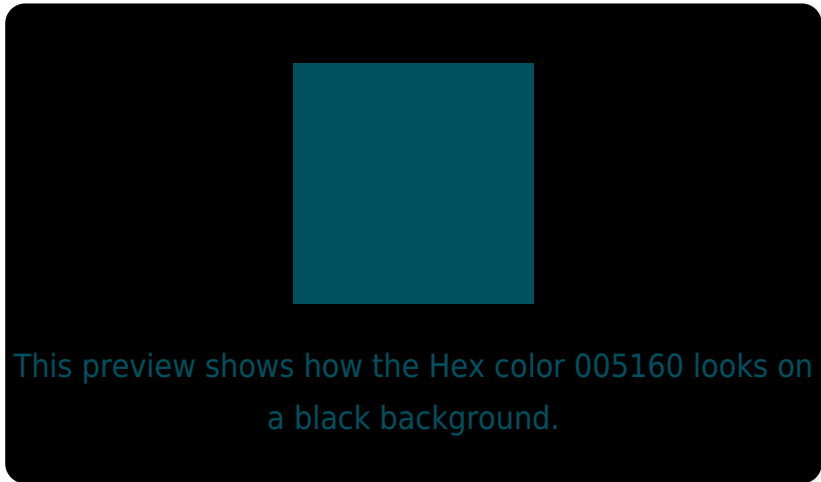
Large Text (above 18pt) WCAG AA ✓ Pass

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

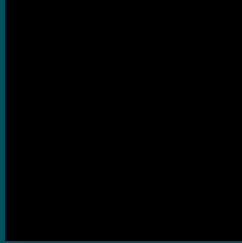
Any Text WCAG AA × Fail

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 005160 Background



This preview shows how black text looks on a background with the Hex color 005160.

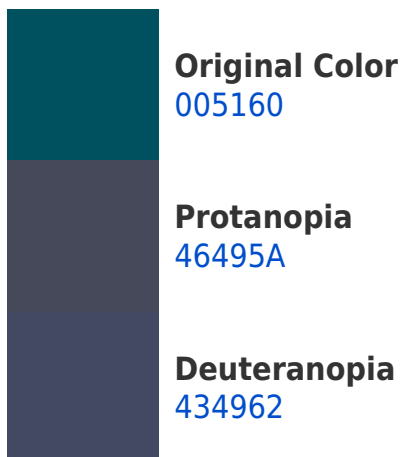


This preview shows how white text looks on a background with the Hex color 005160.

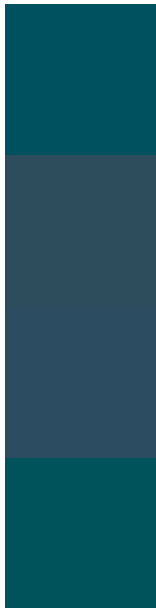
Color Blindness Simulation

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



Trichromacy



Original Color
005160

Protanomaly
2D4C5C

Deuteranomaly
2B4C61

Tritanomaly
00525B

Monochromacy



Original Color
005160

Achromatopsia
3A3A3A

Achromatomaly
254248

CSS Examples

Text

The CSS property to change the color of the text to Hex 005160 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 #005160 looks like.

```
.text, #text, p{  
    color:#005160  
}
```

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 #005160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005160
}
```

Border

The CSS property to change the border of an element to Hex 005160 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
#005160 }
```

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

```
.border{ border-color:#005160 }
```

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

Here you see how a box with a 4 pixel #005160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005160; -webkit-box-shadow:4px 4px  
4px 4px #005160; box-shadow:4px 4px 4px  
4px #005160 }
```

Background

The CSS property to change the background color of an element to Hex 005160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005160 }
```

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

```
.background{ background-color:#005160 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor