

Converting Colors

Hex(005061)

Have a look what the booklet for
Hex(005061) contains.

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Color

Hex(005061)

Conversions

Conversions Part 1

Format	Color
Hex	005061
RGB	0, 80, 97
RGB Percent	0%, 31%, 38%
CMY	1.0000, 0.6863, 0.6196
CMYK	1.00, 0.18, 0.00, 0.62
HSL	191°, 100%, 19%
HSV	191°, 100%, 38%
XYZ	5.0263, 6.6004, 12.3183
YIQ	58.0180, -53.1370, -11.6730

Conversions

Conversions Part 2

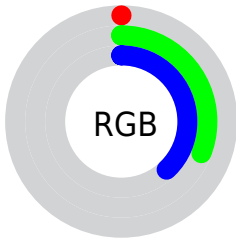
Format	Color
R _{YB}	0, 44, 97
Decimal	20577
CIE Lab	30.88, -14.39, -15.90
CIE LCh	31, 21.448, 227.859
Yxy	6.6004, 0.2099, 0.2756
Android (android.graphics.Color)	4278210657 (0xFF005061)
YUV	58.0180, 19.2181, -50.8818
Hunter-Lab	25.6912, -10.0372, -10.4443

Details

The Hex color **005061** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **611100**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **448194**, and **002333** is the 20% darker color. If you saturate the color by 10%, you get **005061**, and if you desaturate by 10%, it is **0A5261**.

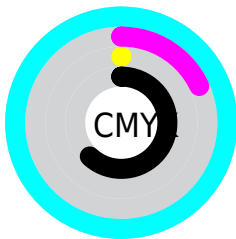
Distribution



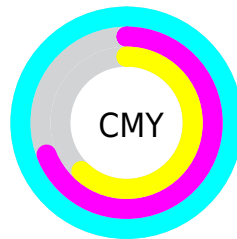
- Red (0%)
- Green (31%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005061 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 005061 by changing the saturation by 10% instead.

005061

005061

FFFFFF

003949

448194

002333

5F9BAE

00081E

7AB6CA

000000

96D2E6

B2EEFF

CEFFFF

EBFFFF

005061

■ 0A5261

■ 135361

■ 1D5561

■ 275761

■ 315961

■ 3A5A61

■ 445C61

■ 4E5E61

■ 575F61

Harmonies

Analogous

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



035252



005061



234C69

Triad

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



005061



653C50



4A4B28

Complementary

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



005061



611100

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.



5A4528



005061



693C3F

Square

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



005061



57415F



654031



374F32

Rectangle

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



005061



37496A



654031



4F4927

Sweetspot

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



005061



57767D



006110



293C40



BFBFBF



404040

Same Dimension

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



005061



00677D



002061



2C3030



005D70



00C6F0

Inverse Universe

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



610050



7D0067



614100



302C30



70005D



F000C6

Previews

White Background



This preview shows how the Hex color 005061 looks on a white background.

Color Contrast Check

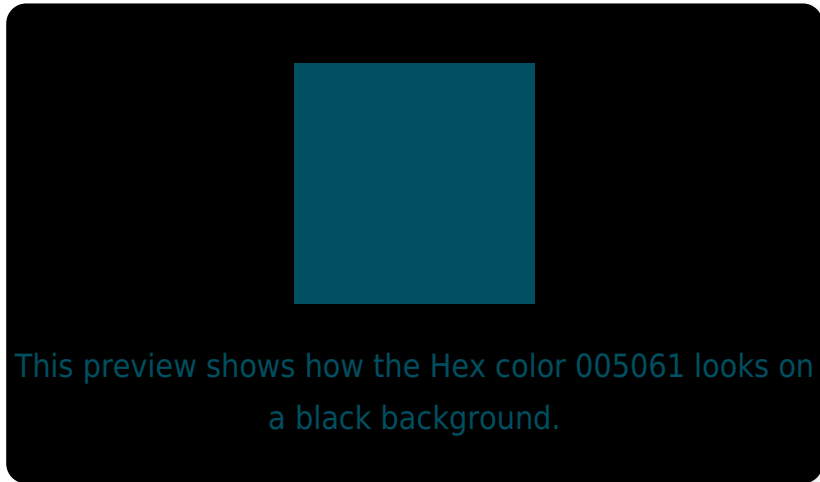
Large Text (above 18pt) WCAG AA ✓ Pass

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

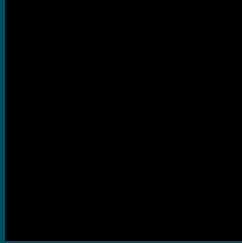
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

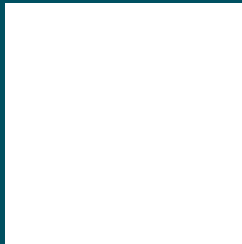
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 005061 Background



This preview shows how black text looks on a background with the Hex color 005061.

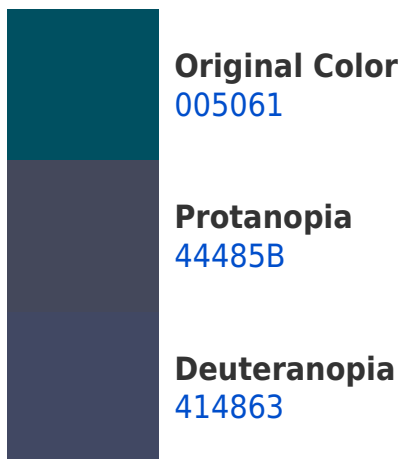


This preview shows how white text looks on a background with the Hex color 005061.

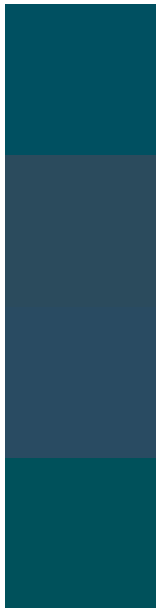
Color Blindness Simulation

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
005061

Protanomaly
2B4B5D

Deuteranomaly
294B62

Tritanomaly
00515B

Monochromacy



Original Color
005061

Achromatopsia
3A3A3A

Achromatomaly
254248

CSS Examples

Text

The CSS property to change the color of the text to Hex 005061 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 #005061 looks like.

```
.text, #text, p{  
    color:#005061  
}
```

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 #005061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005061
}
```

Border

The CSS property to change the border of an element to Hex 005061 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
#005061 }
```

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

```
.border{ border-color:#005061 }
```

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

Here you see how a box with a 4 pixel #005061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005061; -webkit-box-shadow:4px 4px  
4px 4px #005061; box-shadow:4px 4px 4px  
4px #005061 }
```

Background

The CSS property to change the background color of an element to Hex 005061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005061 }
```

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

```
.background{ background-color:#005061 }
```

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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