

Converting Colors

Hex(005868)

Have a look what the booklet for
Hex(005868) contains.

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Color

Hex(005868)

Conversions

Conversions Part 1

Format	Color
Hex	005868
RGB	0, 88, 104
RGB Percent	0%, 35%, 41%
CMY	1.0000, 0.6549, 0.5922
CMYK	1.00, 0.15, 0.00, 0.59
HSL	189°, 100%, 20%
HSV	189°, 100%, 41%
XYZ	5.9884, 7.9789, 14.3212
YIQ	63.5120, -57.5840, -13.6800

Conversions

Conversions Part 2

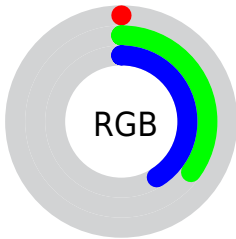
Format	Color
RYB	0, 48, 104
Decimal	22632
CIELab	33.94, -16.30, -15.61
CIELCh	34, 22.566, 223.767
Yxy	7.9789, 0.2117, 0.2821
Android (android.graphics.Color)	4278212712 (0xFF005868)
YUV	63.5120, 19.9606, -55.7000
Hunter-Lab	28.2470, -11.5899, -10.2870

Details

The Hex color **005868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **681000**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **478A9B**, and **002A39** is the 20% darker color. If you saturate the color by 10%, you get **005868**, and if you desaturate by 10%, it is **0A5A68**.

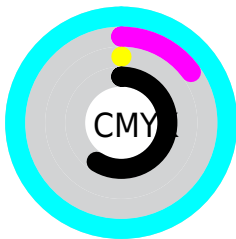
Distribution



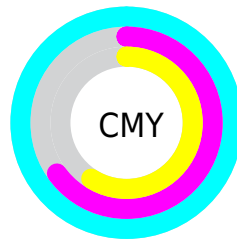
- Red (0%)
- Green (35%)
- Blue (41%)



- Red (0%)
- Yellow (19%)
- Blue (41%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005868 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 005868 by changing the saturation by 10% instead.

005868

005868

FFFFFF

004150

478A9B

002A39

62A4B6

001723

7EC0D2

00000C

9ADCEE

000000

B6F8FF

D2FFFF

F0FFFF

005868

■ 0A5A68

■ 155B68

■ 1F5D68

■ 2A5E68

■ 346068

■ 3E6268

■ 496368

■ 536568

■ 5E6668

Harmonies

Analogous

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



0B5958



005868



235472

Triad

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



005868



6D435A



53512C

Complementary

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



005868



681000

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.



644B2E



005868



734248

Square

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



005868



5C486A



6F4538



3F5635

Rectangle

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



005868



395173



6F4538



594F2C

Sweetspot

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



005868



5F8187



006810



2C4145



C4C4C4



454545

Same Dimension

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



005868



007287



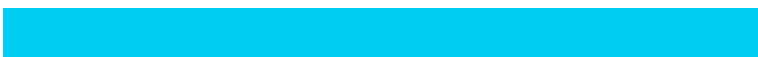
002468



2E3233



006173



00CDF2

Inverse Universe

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



680058



870072



684400



332E32



730061



F200CD

Previews

White Background



This preview shows how the Hex color 005868 looks on a white background.

Color Contrast Check

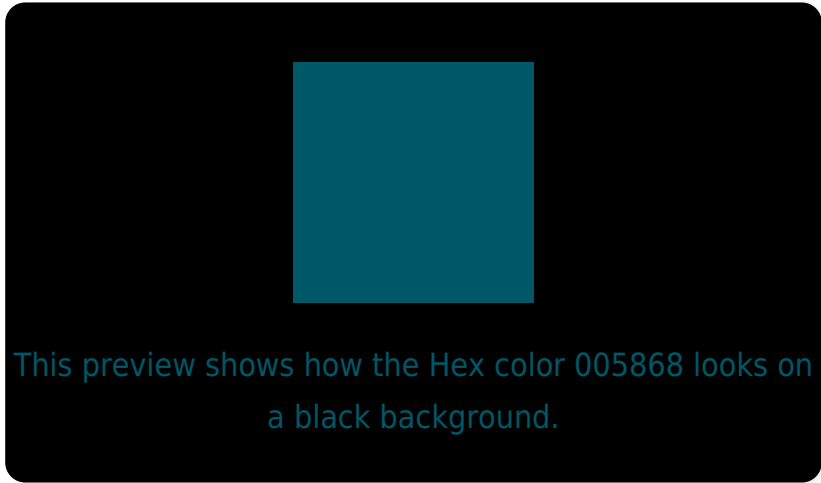
Large Text (above 18pt) WCAG AA ✓ Pass

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

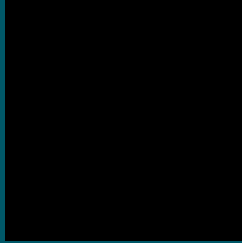
Any Text WCAG AA × Fail

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 005868 Background



This preview shows how black text looks on a background with the Hex color 005868.

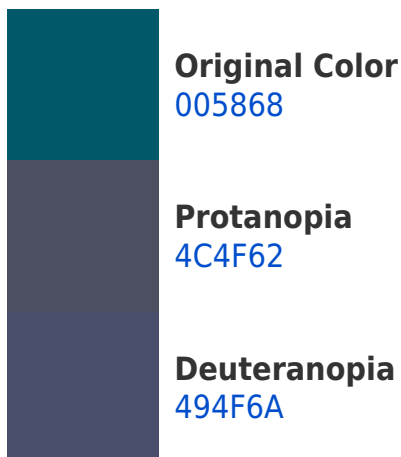


This preview shows how white text looks on a background with the Hex color 005868.

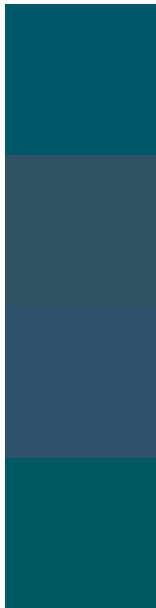
Color Blindness Simulation

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
005868

Protanomaly
305264

Deuteranomaly
2E5269

Tritanomaly
005963

Monochromacy



Original Color
005868

Achromatopsia
404040

Achromatomaly
29494F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005868 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 #005868 looks like.

```
.text, #text, p{  
    color:#005868  
}
```

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 #005868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005868
}
```

Border

The CSS property to change the border of an element to Hex 005868 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
#005868 }
```

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

```
.border{ border-color:#005868 }
```

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

Here you see how a box with a 4 pixel #005868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005868; -webkit-box-shadow:4px 4px  
4px 4px #005868; box-shadow:4px 4px 4px  
4px #005868 }
```

Background

The CSS property to change the background color of an element to Hex 005868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005868 }
```

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

```
.background{ background-color:#005868 }
```

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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