

Converting Colors

Hex(005A6C)

Have a look what the booklet for
Hex(005A6C) contains.

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Color

Hex(005A6C)

Conversions

Conversions Part 1

Format	Color
Hex	005A6C
RGB	0, 90, 108
RGB Percent	0%, 35%, 42%
CMY	1.0000, 0.6471, 0.5765
CMYK	1.00, 0.17, 0.00, 0.58
HSL	190°, 100%, 21%
HSV	190°, 100%, 42%
XYZ	6.3629, 8.3950, 15.4724
YIQ	65.1420, -59.4180, -13.4820

Conversions

Conversions Part 2

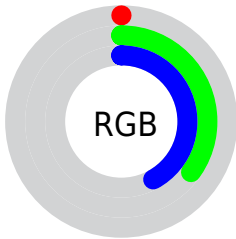
Format	Color
RYB	0, 49, 108
Decimal	23148
CIELab	34.79, -15.91, -16.79
CIELCh	35, 23.134, 226.546
Yxy	8.3950, 0.2105, 0.2777
Android (android.graphics.Color)	4278213228 (0xFF005A6C)
YUV	65.1420, 21.1290, -57.1295
Hunter-Lab	28.9742, -11.5050, -11.3793

Details

The Hex color **005A6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C1200**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **488C9F**, and **002C3D** is the 20% darker color. If you saturate the color by 10%, you get **005A6C**, and if you desaturate by 10%, it is **0B5C6C**.

Distribution



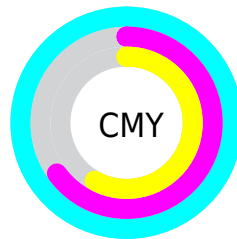
- Red (0%)
- Green (35%)
- Blue (42%)



- Red (0%)
- Yellow (19%)
- Blue (42%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005A6C 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 005A6C by changing the saturation by 10% instead.

005A6C

005A6C

FFFFFF

004254

488C9F

002C3D

64A7BA

001927

7FC2D6

000111

9BDEF3

000000

B7FAFF

D4FFFF

F1FFFF

005A6C

 0B5C6C

 165E6C

 205F6C

 2B616C

 36636C

 41656C

 4C676C

 56686C

 616A6C

Harmonies

Analogous

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



075C5C



005A6C



275675

Triad

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



005A6C



70445B



54542E

Complementary

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



005A6C



6C1200

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.



654E2E



005A6C



764448

Square

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



005A6C



61496B



714838



3F5838

Rectangle

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



005A6C



3D5276



714838



5A522D

Sweetspot

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



005A6C



62858C



006C12



2E4347



C7C7C7



474747

Same Dimension

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



005A6C



00758C



00246C



303536



006275



00CCF5

Inverse Universe

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



6C005A



8C0075



6C4800



363035



750062



F500CC

Previews

White Background



This preview shows how the Hex color 005A6C looks on a white background.

Color Contrast Check

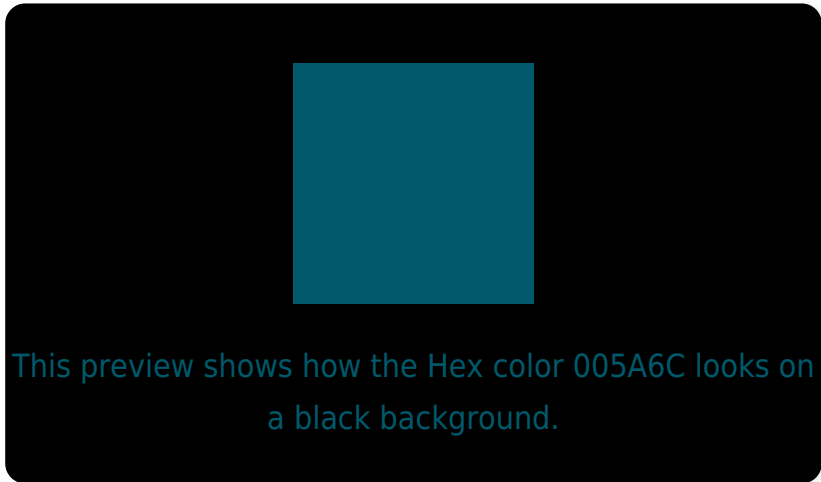
Large Text (above 18pt) WCAG AA ✓ Pass

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

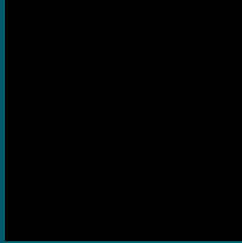
Any Text WCAG AA × Fail

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 005A6C Background



This preview shows how black text looks on a background with the Hex color 005A6C.

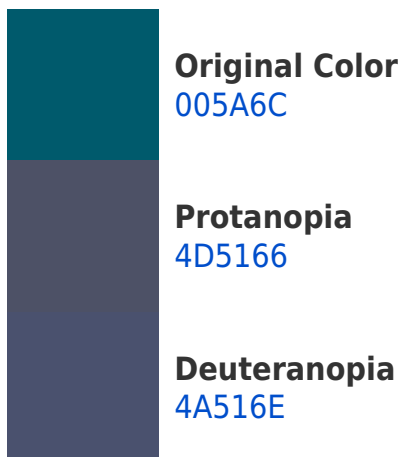


This preview shows how white text looks on a background with the Hex color 005A6C.

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](#).

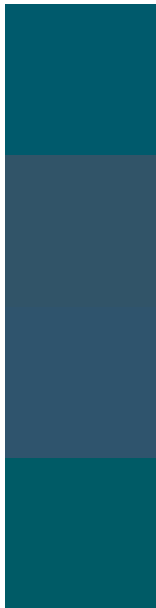
Dichromacy





Tritanopia
005B62

Trichromacy



Original Color
005A6C

Protanomaly
315468

Deuteranomaly
2F546D

Tritanomaly
005B66

Monochromacy



Original Color
005A6C

Achromatopsia
414141

Achromatomaly
294A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 005A6C 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 #005A6C looks like.

```
.text, #text, p{  
    color:#005A6C  
}
```

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 #005A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005A6C
}
```

Border

The CSS property to change the border of an element to Hex 005A6C 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
#005A6C }
```

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

```
.border{ border-color:#005A6C }
```

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

Here you see how a box with a 4 pixel #005A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005A6C; -webkit-box-shadow:4px 4px  
4px 4px #005A6C; box-shadow:4px 4px 4px  
4px #005A6C }
```

Background

The CSS property to change the background color of an element to Hex 005A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005A6C }
```

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

```
.background{ background-color:#005A6C }
```

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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