

Converting Colors

Hex(00516C)

Have a look what the booklet for
Hex(00516C) contains.

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Color

Hex(00516C)

Conversions

Conversions Part 1

Format	Color
Hex	00516C
RGB	0, 81, 108
RGB Percent	0%, 32%, 42%
CMY	1.0000, 0.6824, 0.5765
CMYK	1.00, 0.25, 0.00, 0.58
HSL	195°, 100%, 21%
HSV	195°, 100%, 42%
XYZ	5.6492, 6.9676, 15.2345
YIQ	59.8590, -56.9430, -8.7750

Conversions

Conversions Part 2

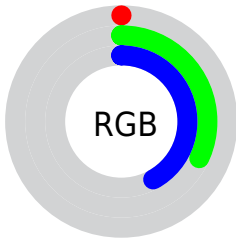
Format	Color
R _Y B	0, 46, 108
Decimal	20844
CIE Lab	31.73, -10.62, -21.53
CIE LCh	32, 24.007, 243.751
Yxy	6.9676, 0.2028, 0.2502
Android (android.graphics.Color)	4278210924 (0xFF00516C)
YUV	59.8590, 23.7335, -52.4963
Hunter-Lab	26.3962, -7.9914, -15.7418

Details

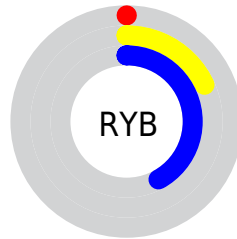
The Hex color **00516C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6C1B00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4782A0**, and **00243C** is the 20% darker color. If you saturate the color by 10%, you get **00516C**, and if you desaturate by 10%, it is **0B546C**.

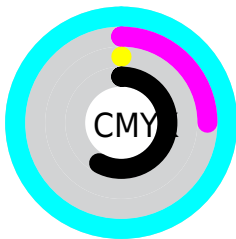
Distribution



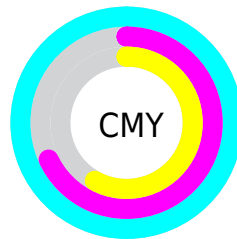
- Red (0%)
- Green (32%)
- Blue (42%)



- Red (0%)
- Yellow (18%)
- Blue (42%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00516C 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 00516C by changing the saturation by 10% instead.

00516C

00516C

FFFFFF

003A54

4782A0

00243C

639CBB

000E27

7EB7D6

000110

9AD3F3

000000

B6EFFF

D2FFFF

F0FFFF

00516C

■ 0B546C

■ 16566C

■ 20596C

■ 2B5C6C

■ 365F6C

■ 41616C

■ 4C646C

■ 56676C

■ 61696C

Harmonies

Analogous

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



00545F



00516C



314C70

Triad

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



00516C



6E3B49



40502B

Complementary

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



00516C



6C1B00

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.



544A24



00516C



6D3E37

Square

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



00516C



643E5C



644429



295339

Rectangle

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



00516C



47476D



644429



474E27

Sweetspot

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



00516C



62828C



006C1B



2E4147



C7C7C7



474747

Same Dimension

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



00516C



00698C



001B6C



303436



005875



00B8F5

Inverse Universe

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



6C0051



8C0069



6C5100



363034



750058



F500B8

Previews

White Background



This preview shows how the Hex color 00516C looks on a white background.

Color Contrast Check

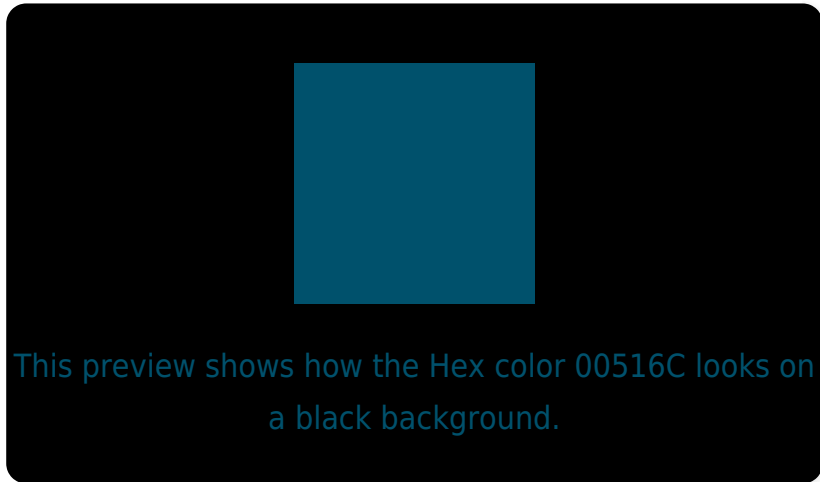
Large Text (above 18pt) WCAG AA ✓ Pass

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

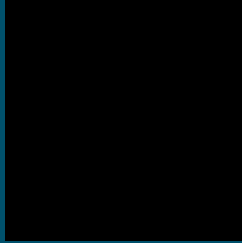
Any Text WCAG AA × Fail

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 00516C Background



This preview shows how black text looks on a background with the Hex color 00516C.




This preview shows how white text looks on a background with the Hex color 00516C.

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](#).

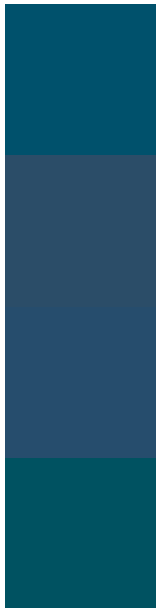
Dichromacy





Tritanopia
00535A

Trichromacy



Original Color
00516C

Protanomaly
2B4D68

Deuteranomaly
264D6D

Tritanomaly
005261

Monochromacy



Original Color
00516C

Achromatopsia
3C3C3C

Achromatomaly
26444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00516C 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 #00516C looks like.

```
.text, #text, p{  
    color:#00516C  
}
```

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 #00516C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00516C
}
```

Border

The CSS property to change the border of an element to Hex 00516C is called "border". The border property can be set on classes, ids or directly on the HTML element.

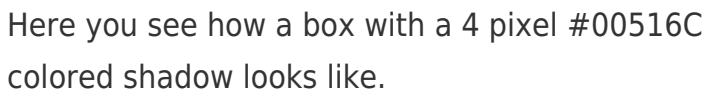
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00516C }
```

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

```
.border{ border-color:#00516C }
```

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



Here you see how a box with a 4 pixel #00516C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00516C; -webkit-box-shadow:4px 4px  
4px 4px #00516C; box-shadow:4px 4px 4px  
4px #00516C }
```

Background

The CSS property to change the background color of an element to Hex 00516C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00516C }
```

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

```
.background{ background-color:#00516C }
```

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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