

# Converting Colors

Hex(00526A)

Have a look what the booklet for  
Hex(00526A) contains.

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# Color

**Hex(00526A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00526A
RGB	0, 82, 106
RGB Percent	0%, 32%, 42%
CMY	1.0000, 0.6784, 0.5843
CMYK	1.00, 0.23, 0.00, 0.58
HSL	194°, 100%, 21%
HSV	194°, 100%, 42%
XYZ	5.6188, 7.0752, 14.7052
YIQ	60.2180, -56.5760, -9.9200

# Conversions

## Conversions Part 2

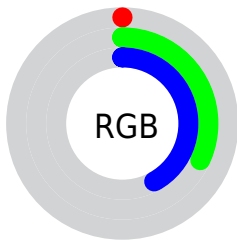
Format	Color
<a href="#">RYB</a>	<a href="#">0, 46, 106</a>
Decimal	<a href="#">21098</a>
CIELab	<a href="#">31.98, -12.02, -19.89</a>
CIELCh	<a href="#">32, 23.243, 238.854</a>
Yxy	<a href="#">7.0752, 0.2051, 0.2582</a>
Android (android.graphics.Color)	<a href="#">4278211178 (0xFF00526A)</a>
YUV	<a href="#">60.2180, 22.5705, -52.8112</a>
Hunter-Lab	<a href="#">26.5992, -8.8424, -14.1585</a>

# Details

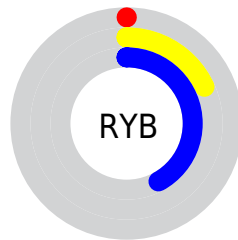
The Hex color **00526A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A1800**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **47839D**, and **00253B** is the 20% darker color. If you saturate the color by 10%, you get **00526A**, and if you desaturate by 10%, it is **0B546A**.

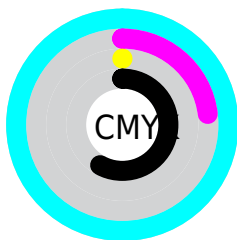
# Distribution



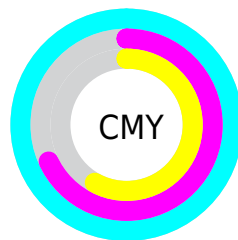
- Red (0%)
- Green (32%)
- Blue (42%)



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



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00526A 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 00526A by changing the saturation by 10% instead.



 00526A

 00526A

FFFFFF

 003B52

 47839D

 00253B

 629EB8

 000F25

 7DB8D4

 00010E

 99D4F0

 000000

 B5F1FF

 D2FFFF

 EFFFFFF

 00526A

■ 0B546A

■ 15576A

■ 20596A

■ 2A5C6A

■ 355E6A

■ 40606A

■ 4A636A

■ 55656A

■ 5F686A

# Harmonies

## Analogous

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



00545C



00526A



2E4D6F

# Triad

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



00526A



6D3D4D



454F2A

# Complementary

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



00526A



6A1800

# 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.



574A26



00526A



6E3E3B

# Square

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



00526A



61405E



66432C



2F5338

# Rectangle

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



00526A



43496E



66432C



4B4E28



# Sweetspot

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



00526A



60808A



006A17



2C3F45



C4C4C4



454545



# Same Dimension

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



00526A



006B8A



001E6A



303436



005B75



00BDF5



# Inverse Universe

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



6A0052



8A006B



6A4C00



363034



75005B



F500BD



# Previews

## White Background



This preview shows how the Hex color 00526A looks on a white background.

### Color Contrast Check

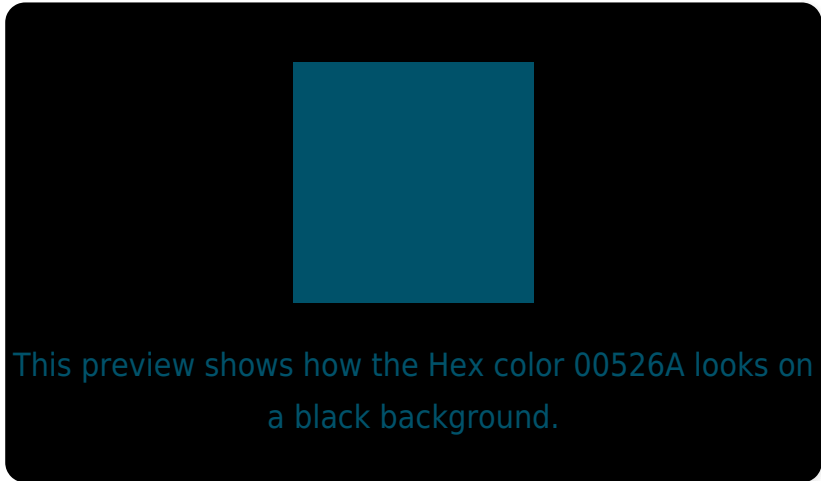
Large Text (above 18pt) WCAG AA ✓ Pass

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

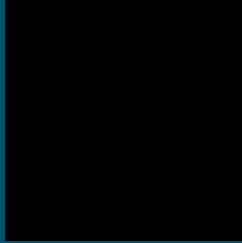
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

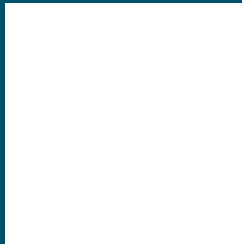
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00526A Background



This preview shows how black text looks on a background with the Hex color 00526A.



This preview shows how white text looks on a background with the Hex color 00526A.

# 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



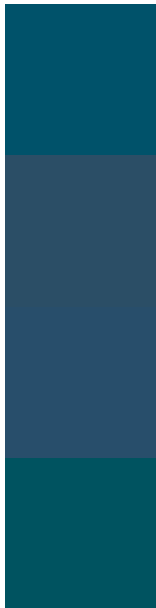
**Original Color**  
00526A

**Protanopia**  
444B64

**Deuteranopia**  
3F4B6C



# Trichromacy



**Original Color**  
00526A

**Protanomaly**  
2B4E66

**Deuteranomaly**  
284E6B

**Tritanomaly**  
005360

# Monochromacy



**Original Color**  
00526A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
26444D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00526A 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 #00526A looks like.

```
.text, #text, p{  
    color:#00526A  
}
```

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 #00526A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00526A
}
```

## Border

The CSS property to change the border of an element to Hex 00526A is called "border". The border property can be set on classes, ids or directly on the HTML element.

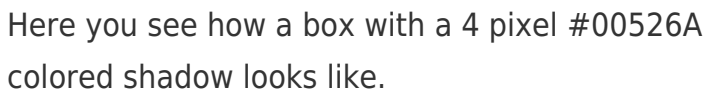
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00526A }
```

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

```
.border{ border-color:#00526A }
```

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



Here you see how a box with a 4 pixel #00526A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00526A; -webkit-box-shadow:4px 4px  
4px 4px #00526A; box-shadow:4px 4px 4px  
4px #00526A }
```

# Background

The CSS property to change the background color of an element to Hex 00526A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00526A }
```

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

```
.background{ background-color:#00526A }
```

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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