

# Converting Colors

Hex(506F68)

Have a look what the booklet for  
Hex(506F68) contains.

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# Color

**Hex(506F68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	506F68
RGB	80, 111, 104
RGB Percent	31%, 44%, 41%
CMY	0.6863, 0.5647, 0.5922
CMYK	0.28, 0.00, 0.06, 0.56
HSL	166°, 16%, 37%
HSV	166°, 28%, 44%
XYZ	11.4914, 14.0738, 15.2076
YIQ	100.9330, -16.2290, -8.7490

# Conversions

## Conversions Part 2

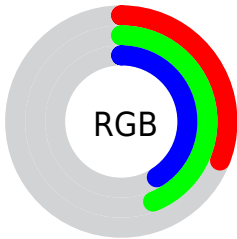
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 97, 111
Decimal	5271400
CIE <sub>Lab</sub>	44.34, -12.84, 0.26
CIE <sub>LCh</sub>	44, 12.845, 178.822
Yxy	14.0738, 0.2818, 0.3452
Android (android.graphics.Color)	4283461480 (0xFF506F68)
YUV	100.9330, 1.5120, -18.3582
Hunter-Lab	37.5151, -10.9744, 2.2261

# Details

The Hex color **506F68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F5057**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **82A39B**, and **223F39** is the 20% darker color. If you saturate the color by 10%, you get **456F65**, and if you desaturate by 10%, it is **5B6F6B**.

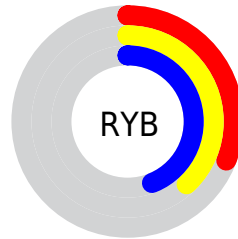
# Distribution



Red (31%)

Green (44%)

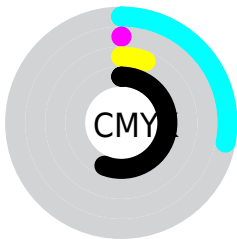
Blue (41%)



Red (31%)

Yellow (38%)

Blue (44%)

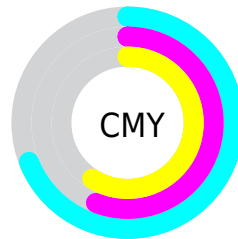


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506F68 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 506F68 by changing the saturation by 10% instead.



■ 506F68

■ 506F68

FFFFFF

■ 385750

■ 82A39B

■ 223F39

■ 9CBEB6

■ 0B2924

■ B8DAD1

■ 00160E

■ D3F6EE

■ 000000

■ F0FFFF

■ 506F68

■ 506F68

■ 456F65

■ 5B6F6B

■ 3A6F63

■ 666F6D

■ 2F6F60

■ 716F70

■ 246F5E

■ 7C6F72

■ 196F5B

■ 886F75

■ 0D6F59

■ 936F77

■ 026F56

■ 9E6F7A

■ 006F56

■ A96F7C

■ B46F7F

# Harmonies

## Analogous

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



5A6E5D



506F68



4C6F73

# Triad

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



506F68



6A667B



7B6457

# Complementary

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



506F68



6F5057

# 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.



7F625F



506F68



766374

# Square

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



506F68



5C6A7E



7E616A



726854

# Rectangle

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



506F68



4E6E78



7E616A



7D6359



# Sweetspot

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



506F68



86918F



576F50



434A48



C9C9C9



4A4A4A



# Same Dimension

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



506F68



609186



50676F



323837



00785D



00F7BF



# Inverse Universe

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



6F5057



91606B



6F5850



383234



78001B



F70038



# Previews

## White Background



This preview shows how the Hex color 506F68 looks on a white background.

## Color Contrast Check

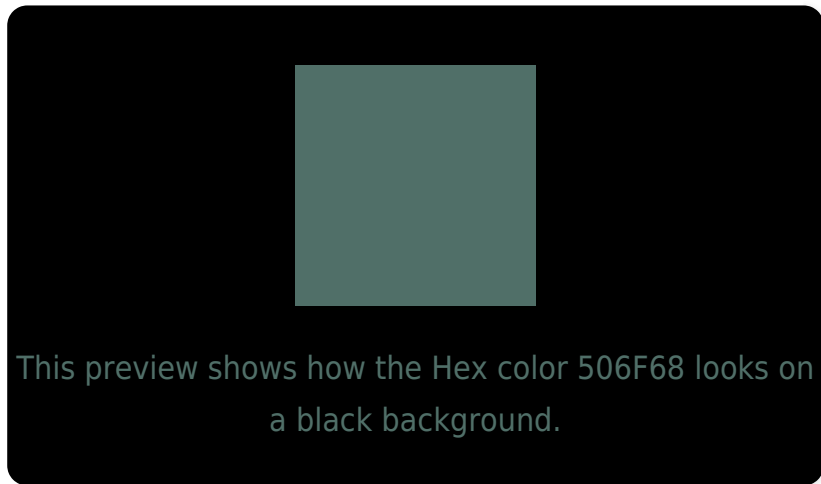
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

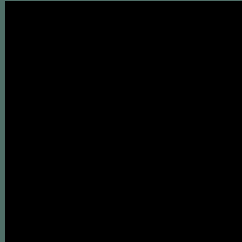
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 506F68 Background



This preview shows how black text looks on a background with the Hex color 506F68.

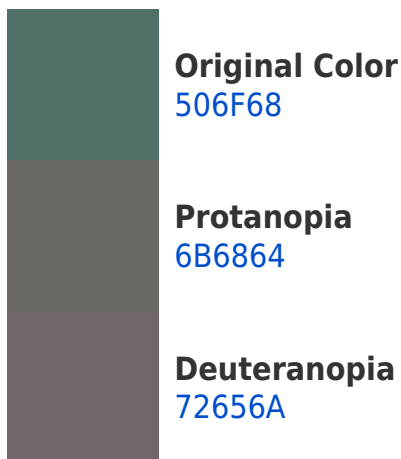



This preview shows how white text looks on a background with the Hex color 506F68.

# 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](#).

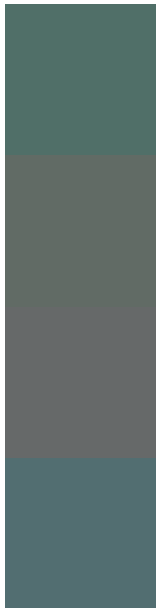
## Dichromacy





**Tritanopia**  
536D76

# Trichromacy



**Original Color**  
506F68

**Protanomaly**  
616B65

**Deuteranomaly**  
666969

**Tritanomaly**  
526E71

# Monochromacy



**Original Color**  
506F68

**Achromatopsia**  
656565

**Achromatomaly**  
5D6966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506F68 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 #506F68 looks like.

```
.text, #text, p{  
    color:#506F68  
}
```

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 #506F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506F68
}
```

## Border

The CSS property to change the border of an element to Hex 506F68 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
#506F68 }
```

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

```
.border{ border-color:#506F68 }
```

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

Here you see how a box with a 4 pixel #506F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506F68; -webkit-box-shadow:4px 4px  
4px 4px #506F68; box-shadow:4px 4px 4px  
4px #506F68 }
```

# Background

The CSS property to change the background color of an element to Hex 506F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506F68 }
```

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

```
.background{ background-color:#506F68 }
```

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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