

Converting Colors

Hex(506C78)

Have a look what the booklet for
Hex(506C78) contains.

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Color

Hex(506C78)

Conversions

Conversions Part 1

Format	Color
Hex	506C78
RGB	80, 108, 120
RGB Percent	31%, 42%, 47%
CMY	0.6863, 0.5765, 0.5294
CMYK	0.33, 0.10, 0.00, 0.53
HSL	198°, 20%, 39%
HSV	198°, 33%, 47%
XYZ	12.0610, 13.7867, 19.7947
YIQ	100.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

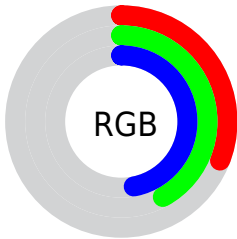
Format	Color
RYB	80, 96, 120
Decimal	5270648
CIELab	43.93, -7.04, -9.98
CIElCh	44, 12.214, 234.790
Yxy	13.7867, 0.2642, 0.3021
Android (android.graphics.Color)	4283460728 (0xFF506C78)
YUV	100.9960, 9.3690, -18.4135
Hunter-Lab	37.1304, -6.9964, -5.6170

Details

The Hex color **506C78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785C50**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **839FAC**, and **213D48** is the 20% darker color. If you saturate the color by 10%, you get **446878**, and if you desaturate by 10%, it is **5C7078**.

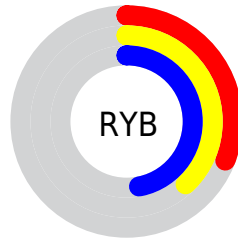
Distribution



Red (31%)

Green (42%)

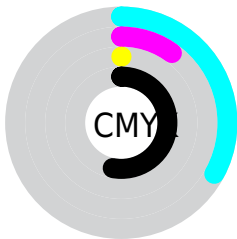
Blue (47%)



Red (31%)

Yellow (38%)

Blue (47%)

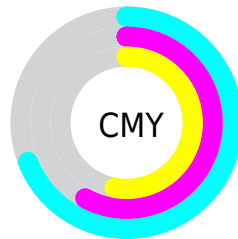


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (53%)



Cyan (69%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506C78 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 506C78 by changing the saturation by 10% instead.

■ 506C78

■ 506C78

FFFFFF

■ 38545F

■ 839FAC

■ 213D48

■ 9DBAC8

■ 082731

■ B8D6E4

■ 00131C

■ D4F2FF

■ 000000

■ F1FFFF

■ 506C78

■ 506C78

■ 446878

■ 5C7078

■ 386578

■ 687378

■ 2C6178

■ 747778

■ 205E78

■ 807A78

■ 145A78

■ 8C7E78

■ 085678

■ 988278

■ 005478

■ A48578

■ B08978

■ BC8C78

Harmonies

Analogous

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



4D6E70



506C78



5A697C

Triad

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



506C78



7B616A



676A55

Complementary

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



506C78



785C50

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.



726754



506C78



7D6160

Square

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



506C78



736374



7A6358



5B6C5C

Rectangle

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



506C78



63677B



7A6358



6A6954

Sweetspot

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



506C78



8C979C



50785C



464C4F



CFCFCF



4F4F4F

Same Dimension

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



506C78



5D899C



505878



373B3D



00577D



00B1FC

Inverse Universe

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



78506C



9C5D89



787050



3D373B



7D0057



FC00B1

Previews

White Background



This preview shows how the Hex color 506C78 looks on a white background.

Color Contrast Check

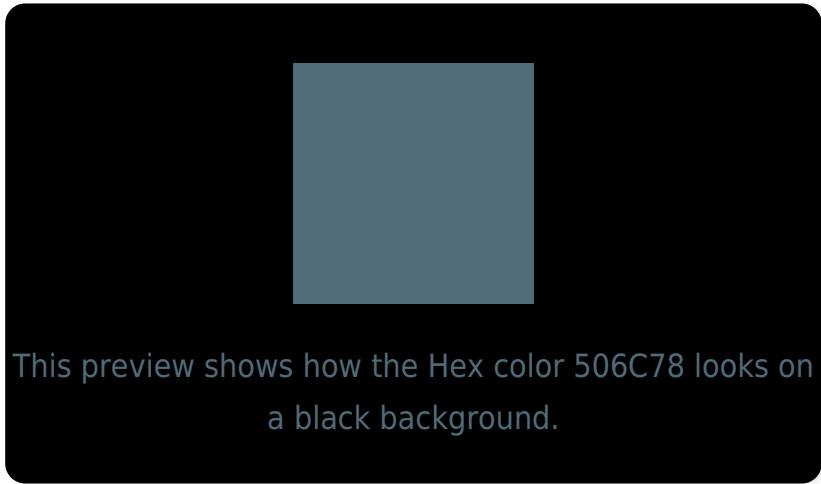
Large Text (above 18pt) WCAG AA ✓ Pass

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

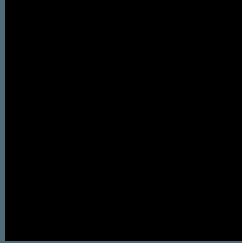
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

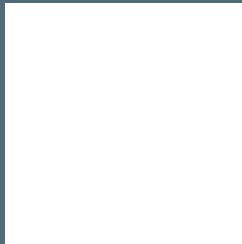
Any Text WCAG AAA × Fail

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

Hex 506C78 Background



This preview shows how black text looks on a background with the Hex color 506C78.

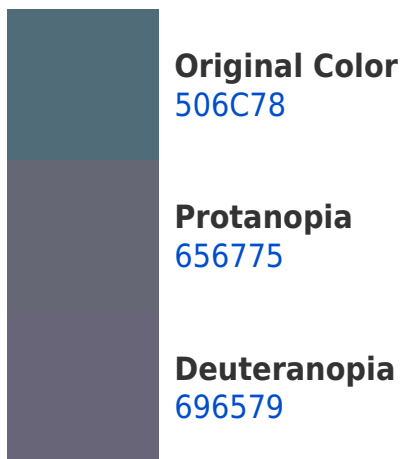


This preview shows how white text looks on a background with the Hex color 506C78.

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
4F6C75

Trichromacy



Original Color
506C78

Protanomaly
5D6976

Deuteranomaly
606879

Tritanomaly
4F6C76

Monochromacy



Original Color
506C78

Achromatopsia
656565

Achromatomaly
5D686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 506C78 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 #506C78 looks like.

```
.text, #text, p{  
    color:#506C78  
}
```

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 #506C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506C78  
}
```

Border

The CSS property to change the border of an element to Hex 506C78 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  
#506C78 }
```

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

```
.border{ border-color:#506C78 }
```

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

Here you see how a box with a 4 pixel #506C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506C78; -webkit-box-shadow:4px 4px  
4px 4px #506C78; box-shadow:4px 4px 4px  
4px #506C78 }
```

Background

The CSS property to change the background color of an element to Hex 506C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506C78 }
```

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

```
.background{ background-color:#506C78 }
```

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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