

Converting Colors

Hex(506C7A)

Have a look what the booklet for
Hex(506C7A) contains.

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Color

Hex(506C7A)

Conversions

Conversions Part 1

Format	Color
Hex	506C7A
RGB	80, 108, 122
RGB Percent	31%, 42%, 48%
CMY	0.6863, 0.5765, 0.5216
CMYK	0.34, 0.11, 0.00, 0.52
HSL	200°, 21%, 40%
HSV	200°, 34%, 48%
XYZ	12.1837, 13.8357, 20.4408
YIQ	101.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

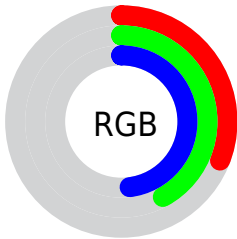
Format	Color
RYB	80, 97, 122
Decimal	5270650
CIELab	44.00, -6.50, -11.08
CIELCh	44, 12.842, 239.597
Yxy	13.8357, 0.2622, 0.2978
Android (android.graphics.Color)	4283460730 (0xFF506C7A)
YUV	101.2240, 10.2426, -18.6134
Hunter-Lab	37.1964, -6.6261, -6.5445

Details

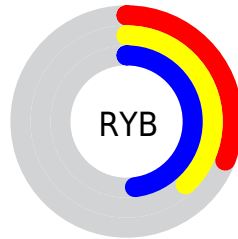
The Hex color **506C7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5E50**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **839FAE**, and **203D49** is the 20% darker color. If you saturate the color by 10%, you get **44687A**, and if you desaturate by 10%, it is **5C707A**.

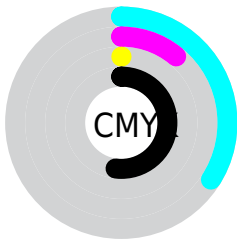
Distribution



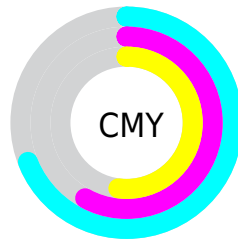
- Red (31%)
- Green (42%)
- Blue (48%)



- Red (31%)
- Yellow (38%)
- Blue (48%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (69%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506C7A 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 506C7A by changing the saturation by 10% instead.

■ 506C7A

■ 506C7A

FFFFFF

■ 385461

■ 839FAE

■ 203D49

■ 9DBACA

■ 072733

■ B8D6E6

■ 00131E

■ D4F2FF

■ 000002

■ F1FFFF

■ 000000

■ 506C7A

■ 506C7A

■ 44687A

■ 5C707A

■ 38647A

■ 68747A

■ 2B607A

■ 75787A

■ 1F5C7A

■ 817C7A

■ 13587A

■ 8D807A

■ 07547A

■ 99847A

■ 00517A

■ A5887A

■ B28D7A

■ BE917A

Harmonies

Analogous

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



4B6E72



506C7A



5C697D

Triad

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



506C7A



7D6169



656B55

Complementary

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



506C7A



7A5E50

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.



706753



506C7A



7E615E

Square

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



506C7A



766273



7A6456



596D5D

Rectangle

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



506C7A



65677C



7A6456



696954

Sweetspot

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



506C7A



8E999E



507A5E



464C4F



CFCFCF



4F4F4F

Same Dimension

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



506C7A



5D889E



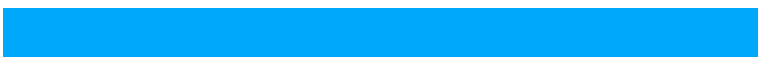
50577A



373B3D



00537D



00A8FC

Inverse Universe

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



7A506C



9E5D88



7A7350



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 506C7A looks on a white background.

Color Contrast Check

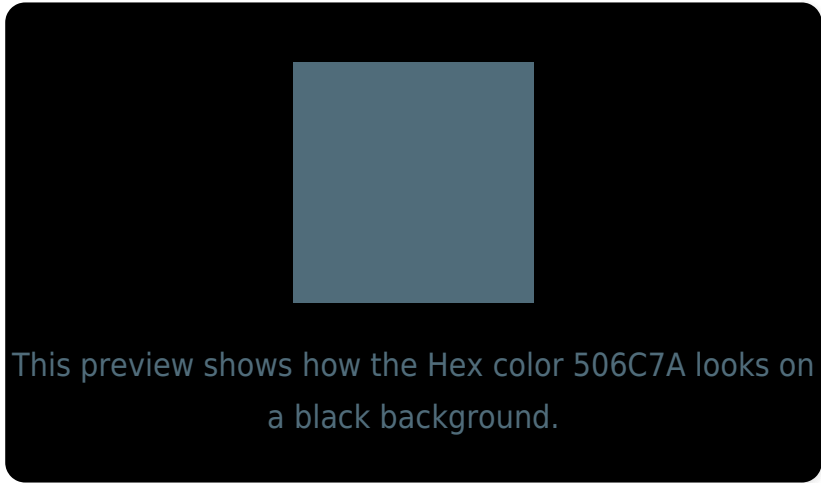
Large Text (above 18pt) WCAG AA ✓ Pass

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

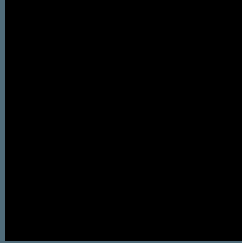
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

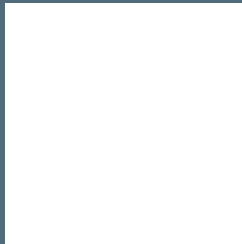
Any Text WCAG AAA × Fail

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

Hex 506C7A Background



This preview shows how black text looks on a background with the Hex color 506C7A.



This preview shows how white text looks on a background with the Hex color 506C7A.

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
506C7A

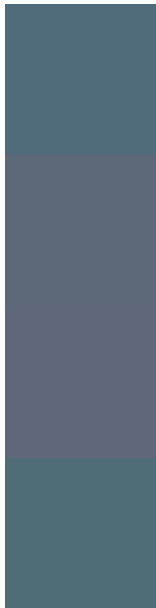
Protanopia
656777

Deuteranopia
68657B



Tritanopia
4F6D75

Trichromacy



Original Color
506C7A

Protanomaly
5D6978

Deuteranomaly
5F687B

Tritanomaly
4F6D77

Monochromacy



Original Color
506C7A

Achromatopsia
656565

Achromatomaly
5D686D

CSS Examples

Text

The CSS property to change the color of the text to Hex 506C7A 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 #506C7A looks like.

```
.text, #text, p{  
    color:#506C7A  
}
```

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 #506C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506C7A
}
```

Border

The CSS property to change the border of an element to Hex 506C7A 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
#506C7A }
```

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

```
.border{ border-color:#506C7A }
```

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

Here you see how a box with a 4 pixel #506C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506C7A; -webkit-box-shadow:4px 4px  
4px 4px #506C7A; box-shadow:4px 4px 4px  
4px #506C7A }
```

Background

The CSS property to change the background color of an element to Hex 506C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506C7A }
```

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

```
.background{ background-color:#506C7A }
```

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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