

Converting Colors

Hex(506C6E)

Have a look what the booklet for
Hex(506C6E) contains.

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Color

Hex(506C6E)

Conversions

Conversions Part 1

Format	Color
Hex	506C6E
RGB	80, 108, 110
RGB Percent	31%, 42%, 43%
CMY	0.6863, 0.5765, 0.5686
CMYK	0.27, 0.02, 0.00, 0.57
HSL	184°, 16%, 37%
HSV	184°, 27%, 43%
XYZ	11.4853, 13.5564, 16.7632
YIQ	99.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

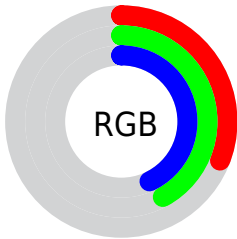
Format	Color
R_{YB}	80, 94, 110
Decimal	5270638
CIE _{Lab}	43.59, -9.66, -4.45
CIE _{LCh}	44, 10.635, 204.739
Yxy	13.5564, 0.2747, 0.3243
Android (android.graphics.Color)	4283460718 (0xFF506C6E)
YUV	99.8560, 5.0010, -17.4137
Hunter-Lab	36.8190, -8.7520, -1.2206

Details

The Hex color **506C6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E5250**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **829FA2**, and **223D3F** is the 20% darker color. If you saturate the color by 10%, you get **456B6E**, and if you desaturate by 10%, it is **5B6D6E**.

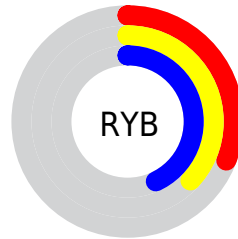
Distribution



Red (31%)

Green (42%)

Blue (43%)



Red (31%)

Yellow (37%)

Blue (43%)

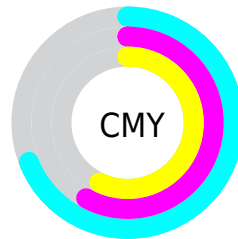


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506C6E 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 506C6E by changing the saturation by 10% instead.



506C6E



506C6E

FFFFFF



385456



829FA2



223D3F



9CBABD



0B2729



B8D6D8



001314



D3F3F5



000000



F0FFFF



506C6E



506C6E



456B6E



5B6D6E



3A6B6E



666D6E

2F6A6E

716E6E

24696E

7C6F6E

19686E

87706E

0E686E

92706E

03676E

9D716E

00676E

A8726E

B3736E

Harmonies

Analogous

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



546C65



506C6E



536B75

Triad

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



506C6E



716371



706656

Complementary

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



506C6E



6E5250

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.



776359



506C6E



786169

Square

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



506C6E



676577



7A6160



666957

Rectangle

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



506C6E



586978



7A6160



726556

Sweetspot

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



506C6E



838E8F



506E52



404747



C7C7C7



474747

Same Dimension

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



506C6E



608C8F



505D6E



323838



007078



00E7F7

Inverse Universe

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



6E506C



8F608C



6E6150



383238



780070



F700E7

Previews

White Background



This preview shows how the Hex color 506C6E looks on a white background.

Color Contrast Check

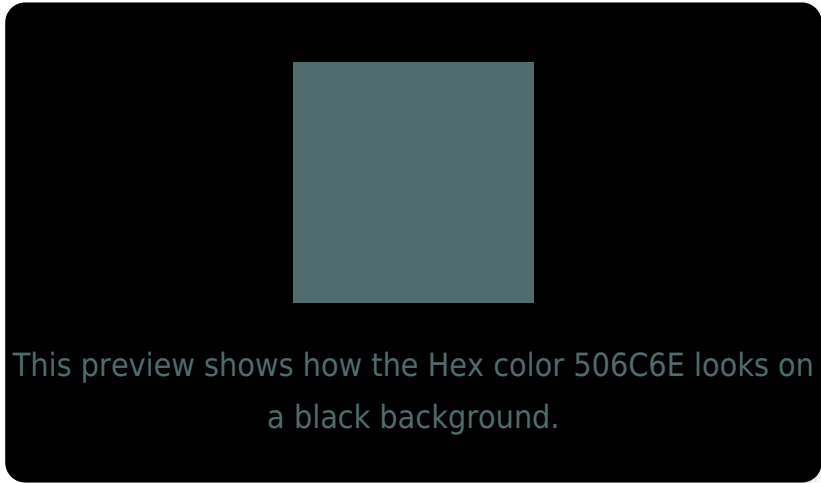
Large Text (above 18pt) WCAG AA ✓ Pass

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

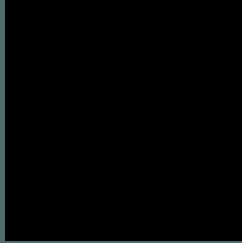
Any Text WCAG AA × Fail

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 506C6E Background



This preview shows how black text looks on a background with the Hex color 506C6E.

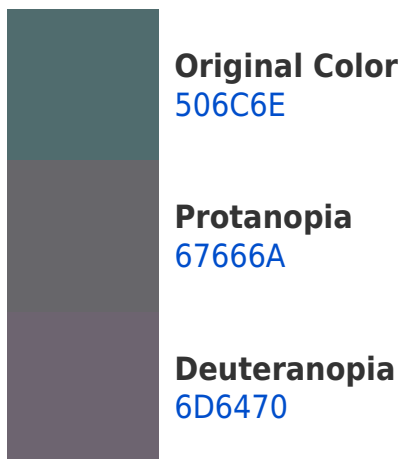


This preview shows how white text looks on a background with the Hex color 506C6E.

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
516B74

Trichromacy



Original Color
506C6E

Protanomaly
5F686B

Deuteranomaly
62676F

Tritanomaly
516B72

Monochromacy



Original Color
506C6E

Achromatopsia
646464

Achromatomaly
5D6768

CSS Examples

Text

The CSS property to change the color of the text to Hex 506C6E 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 #506C6E looks like.

```
.text, #text, p{  
    color:#506C6E  
}
```

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 #506C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506C6E
}
```

Border

The CSS property to change the border of an element to Hex 506C6E 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
#506C6E }
```

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

```
.border{ border-color:#506C6E }
```

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

Here you see how a box with a 4 pixel #506C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506C6E; -webkit-box-shadow:4px 4px  
4px 4px #506C6E; box-shadow:4px 4px 4px  
4px #506C6E }
```

Background

The CSS property to change the background color of an element to Hex 506C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506C6E }
```

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

```
.background{ background-color:#506C6E }
```

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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