

Converting Colors

Hex(506C72)

Have a look what the booklet for
Hex(506C72) contains.

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Color

Hex(506C72)

Conversions

Conversions Part 1

Format	Color
Hex	506C72
RGB	80, 108, 114
RGB Percent	31%, 42%, 45%
CMY	0.6863, 0.5765, 0.5529
CMYK	0.30, 0.05, 0.00, 0.55
HSL	191°, 18%, 38%
HSV	191°, 30%, 45%
XYZ	11.7081, 13.6455, 17.9364
YIQ	100.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

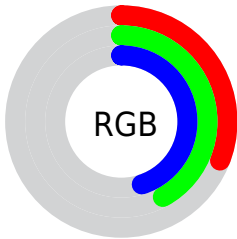
Format	Color
RYB	80, 95, 114
Decimal	5270642
CIELab	43.72, -8.63, -6.67
CIElCh	44, 10.909, 217.694
Yxy	13.6455, 0.2705, 0.3152
Android (android.graphics.Color)	4283460722 (0xFF506C72)
YUV	100.3120, 6.7482, -17.8136
Hunter-Lab	36.9398, -8.0690, -2.9307

Details

The Hex color **506C72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **725650**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **829FA6**, and **213D42** is the 20% darker color. If you saturate the color by 10%, you get **456A72**, and if you desaturate by 10%, it is **5B6E72**.

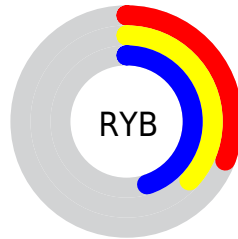
Distribution



Red (31%)

Green (42%)

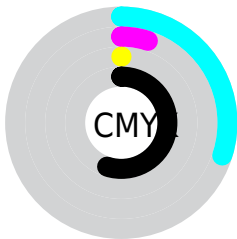
Blue (45%)



Red (31%)

Yellow (37%)

Blue (45%)

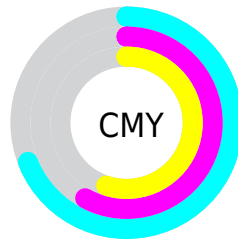


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506C72 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 506C72 by changing the saturation by 10% instead.

■ 506C72

■ 506C72

FFFFFF

■ 38545A

■ 829FA6

■ 213D42

■ 9DBAC1

■ 0A272C

■ B8D6DD

■ 001318

■ D4F3F9

■ 000000

■ F0FFFF

■ 506C72

■ 506C72

■ 456A72

■ 5B6E72

■ 396872

■ 677072

■ 2E6672

■ 727272

■ 226472

■ 7E7472

■ 176272

■ 897672

■ 0C6072

■ 947872

■ 005E72

■ A07A72

■ AB7C72

■ B77E72

Harmonies

Analogous

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



516D69



506C72



566A78

Triad

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



506C72



75626E



6C6755

Complementary

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



506C72



725650

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.



756457



506C72



7A6165

Square

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



506C72



6C6476



7A625D



626A59

Rectangle

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



506C72



5C6879



7A625D



6F6655

Sweetspot

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



506C72



879294



507256



42494A



C9C9C9



4A4A4A

Same Dimension

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



506C72



5F8B94



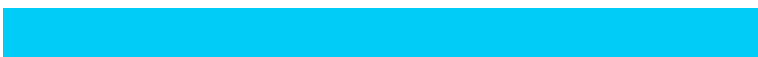
505B72



323738



006378



00CCF7

Inverse Universe

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



72506C



945F8B



726750



383237



780063



F700CC

Previews

White Background



This preview shows how the Hex color 506C72 looks on a white background.

Color Contrast Check

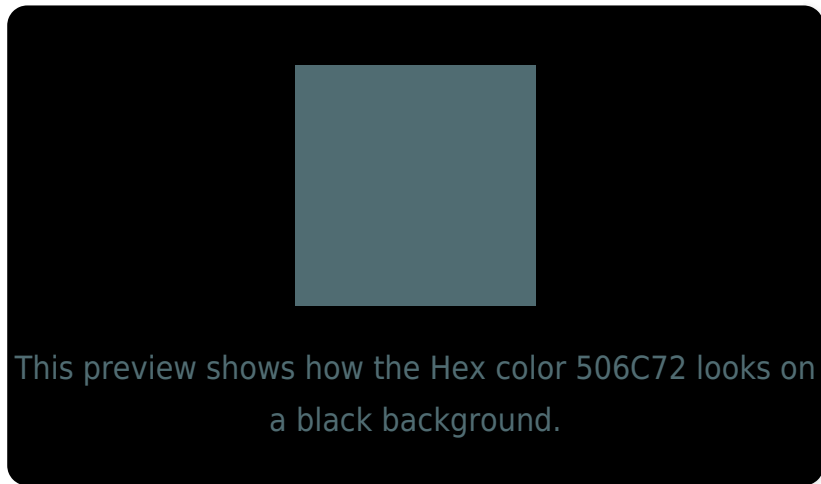
Large Text (above 18pt) WCAG AA ✓ Pass

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

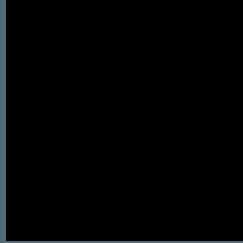
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

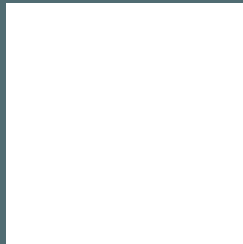
Any Text WCAG AAA × Fail

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

Hex 506C72 Background



This preview shows how black text looks on a background with the Hex color 506C72.



This preview shows how white text looks on a background with the Hex color 506C72.

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
506C72

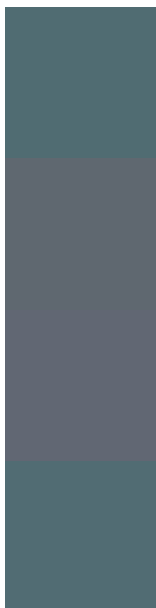
Protanopia
67666F

Deuteranopia
6B6474



Tritanopia
516C74

Trichromacy



Original Color

506C72

Protanomaly

5F6870

Deuteranomaly

616773

Tritanomaly

516C73

Monochromacy



Original Color

506C72

Achromatopsia

646464

Achromatomaly

5D6769

CSS Examples

Text

The CSS property to change the color of the text to Hex 506C72 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 #506C72 looks like.

```
.text, #text, p{  
    color:#506C72  
}
```

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 #506C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506C72
}
```

Border

The CSS property to change the border of an element to Hex 506C72 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
#506C72 }
```

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

```
.border{ border-color:#506C72 }
```

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

Here you see how a box with a 4 pixel #506C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506C72; -webkit-box-shadow:4px 4px  
4px 4px #506C72; box-shadow:4px 4px 4px  
4px #506C72 }
```

Background

The CSS property to change the background color of an element to Hex 506C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506C72 }
```

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

```
.background{ background-color:#506C72 }
```

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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