

Converting Colors

Hex(506D72)

Have a look what the booklet for
Hex(506D72) contains.

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Color

Hex(506D72)

Conversions

Conversions Part 1

Format	Color
Hex	506D72
RGB	80, 109, 114
RGB Percent	31%, 43%, 45%
CMY	0.6863, 0.5725, 0.5529
CMYK	0.30, 0.04, 0.00, 0.55
HSL	189°, 18%, 38%
HSV	189°, 30%, 45%
XYZ	11.8142, 13.8577, 17.9717
YIQ	100.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

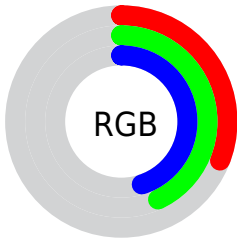
Format	Color
RYB	80, 96, 114
Decimal	5270898
CIELab	44.03, -9.21, -6.21
CIELCh	44, 11.109, 213.996
Yxy	13.8577, 0.2707, 0.3175
Android (android.graphics.Color)	4283460978 (0xFF506D72)
YUV	100.8990, 6.4588, -18.3284
Hunter-Lab	37.2259, -8.4957, -2.5656

Details

The Hex color **506D72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **725550**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **82A1A6**, and **213D42** is the 20% darker color. If you saturate the color by 10%, you get **456B72**, and if you desaturate by 10%, it is **5B6F72**.

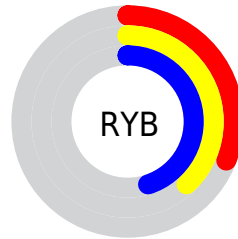
Distribution



Red (31%)

Green (43%)

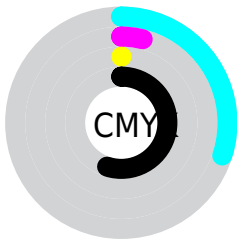
Blue (45%)



Red (31%)

Yellow (38%)

Blue (45%)

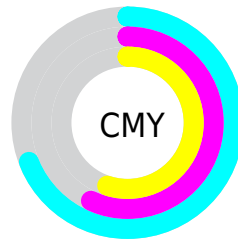


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506D72 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 506D72 by changing the saturation by 10% instead.

■ 506D72

■ 506D72

FFFFFF

■ 38555A

■ 82A1A6

■ 213D42

■ 9DBCC1

■ 0A282C

■ B8D7DD

■ 001418

■ D4F4F9

■ 000000

■ F0FFFF

■ 506D72

■ 506D72

■ 456B72

■ 5B6F72

■ 396A72

■ 677072

■ 2E6872

■ 727272

■ 226672

■ 7E7472

■ 176572

■ 897572

■ 0C6372

■ 947772

■ 006172

■ A07972

■ AB7A72

■ B77C72

Harmonies

Analogous

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



526E69



506D72



556B78

Triad

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



506D72



756370



6E6856

Complementary

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



506D72



725550

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.



776558



506D72



7B6267

Square

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



506D72



6B6577



7B625E



646B59

Rectangle

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



506D72



5C697A



7B625E



716756

Sweetspot

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



506D72



879294



507255



42494A



C9C9C9



4A4A4A

Same Dimension

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



506D72



5F8C94



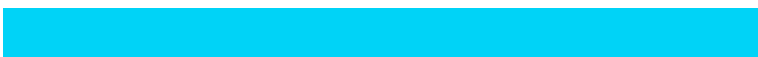
505C72



323738



006678



00D3F7

Inverse Universe

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



72506D



945F8C



726650



383237



780066



F700D3

Previews

White Background



This preview shows how the Hex color 506D72 looks on a white background.

Color Contrast Check

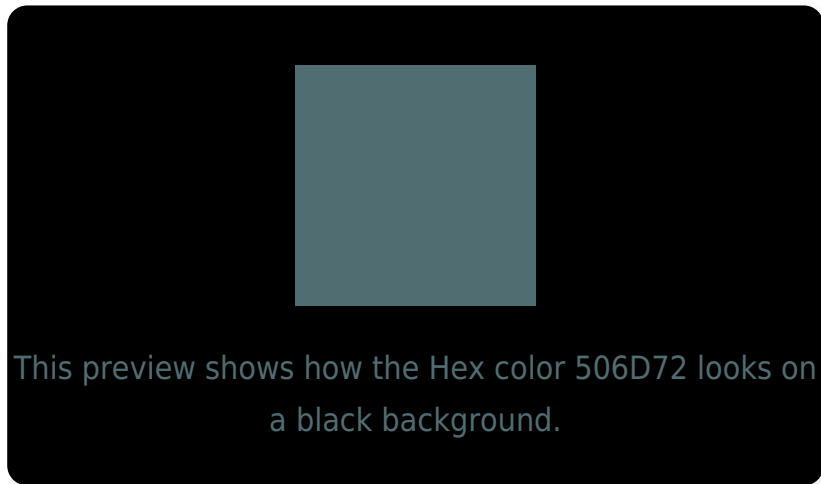
Large Text (above 18pt) WCAG AA ✓ Pass

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

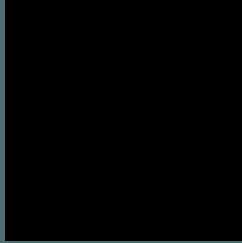
Any Text WCAG AA × Fail

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 506D72 Background



This preview shows how black text looks on a background with the Hex color 506D72.



This preview shows how white text looks on a background with the Hex color 506D72.

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
506D72

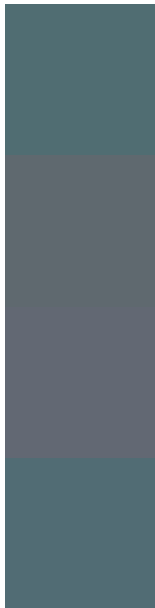
Protanopia
68676E

Deuteranopia
6C6574



Tritanopia
516C75

Trichromacy



Original Color
506D72

Protanomaly
5F696F

Deuteranomaly
626873

Tritanomaly
516C74

Monochromacy



Original Color
506D72

Achromatopsia
656565

Achromatomaly
5D686A

CSS Examples

Text

The CSS property to change the color of the text to Hex 506D72 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 #506D72 looks like.

```
.text, #text, p{  
    color:#506D72  
}
```

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 #506D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506D72
}
```

Border

The CSS property to change the border of an element to Hex 506D72 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
#506D72 }
```

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

```
.border{ border-color:#506D72 }
```

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

Here you see how a box with a 4 pixel #506D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506D72; -webkit-box-shadow:4px 4px  
4px 4px #506D72; box-shadow:4px 4px 4px  
4px #506D72 }
```

Background

The CSS property to change the background color of an element to Hex 506D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506D72 }
```

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

```
.background{ background-color:#506D72 }
```

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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