

Converting Colors

Hex(496F73)

Have a look what the booklet for
Hex(496F73) contains.

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Color

Hex(496F73)

Conversions

Conversions Part 1

Format	Color
Hex	496F73
RGB	73, 111, 115
RGB Percent	29%, 44%, 45%
CMY	0.7137, 0.5647, 0.5490
CMYK	0.37, 0.03, 0.00, 0.55
HSL	186°, 22%, 37%
HSV	186°, 37%, 45%
XYZ	11.5266, 14.0232, 18.3189
YIQ	100.0940, -23.9320, -6.8120

Conversions

Conversions Part 2

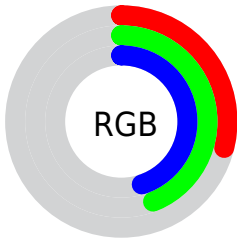
Format	Color
RYB	73, 93, 115
Decimal	4812659
CIELab	44.27, -12.28, -6.50
CIElCh	44, 13.894, 207.909
Yxy	14.0232, 0.2628, 0.3197
Android (android.graphics.Color)	4283002739 (0xFF496F73)
YUV	100.0940, 7.3487, -23.7614
Hunter-Lab	37.4475, -10.5896, -2.7907

Details

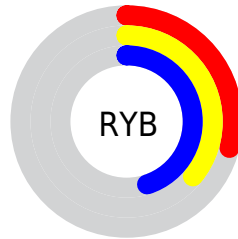
The Hex color **496F73** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734D49**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7CA3A7**, and **183F43** is the 20% darker color. If you saturate the color by 10%, you get **3E6E73**, and if you desaturate by 10%, it is **557073**.

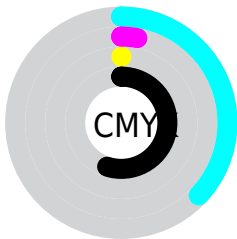
Distribution



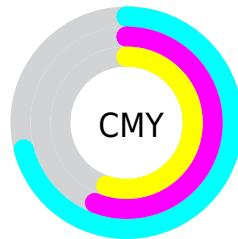
- Red (29%)
- Green (44%)
- Blue (45%)



- Red (29%)
- Yellow (36%)
- Blue (45%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (71%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496F73 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 496F73 by changing the saturation by 10% instead.

■ 496F73

■ 496F73

FFFFFF

■ 31575A

■ 7CA3A7

■ 183F43

■ 96BEC2

■ 00292D

■ B1DADE

■ 001618

■ CDF6FA

■ 000000

■ E9FFFF

■ 496F73

■ 496F73

■ 3E6E73

■ 557073

■ 326D73

■ 607173

■ 276C73

■ 6C7273

■ 1B6B73

■ 777373

■ 106A73

■ 837473

■ 046873

■ 8E7673

■ 006873

■ 9A7773

■ A57873

■ B07973

Harmonies

Analogous

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



4E6F67



496F73



4E6D7C

Triad

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



496F73



776275



726852

Complementary

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



496F73



734D49

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.



7C6456



496F73



7F616A

Square

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



496F73



6A667D



81615E



666B54

Rectangle

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



496F73



556B7F



81615E



766652

Sweetspot

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



496F73



869596



49734C



434C4D



CCCCCC



4D4D4D

Same Dimension

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



496F73



549096



495B73



353A3B



006F7A



00E2FA

Inverse Universe

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



73496F



965490



736249



3B353A



7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 496F73 looks on a white background.

Color Contrast Check

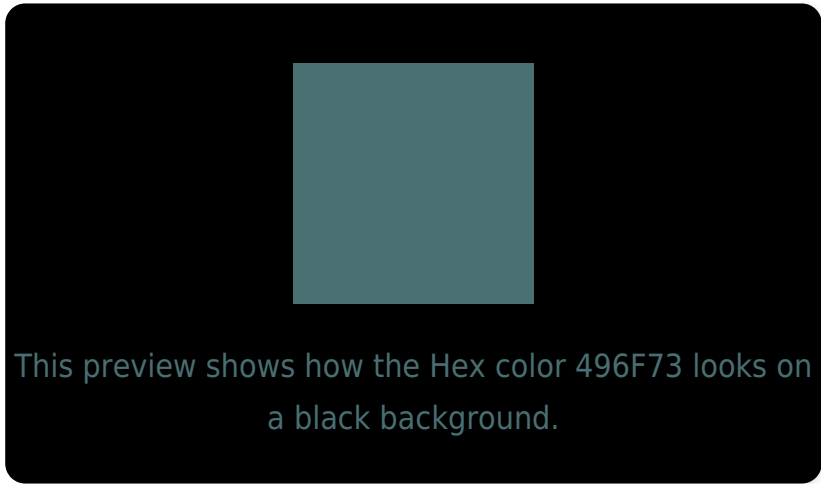
Large Text (above 18pt) WCAG AA ✓ Pass

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

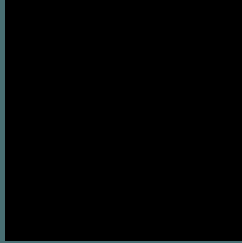
Any Text WCAG AA × Fail

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 496F73 Background



This preview shows how black text looks on a background with the Hex color 496F73.



This preview shows how white text looks on a background with the Hex color 496F73.

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
496F73

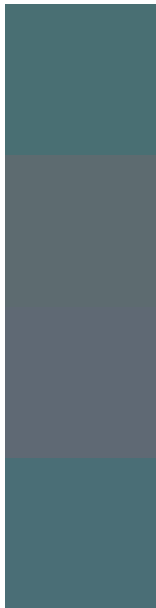
Protanopia
68686E

Deuteranopia
6C6675



Tritanopia
4A6E77

Trichromacy



Original Color
496F73

Protanomaly
5D6B70

Deuteranomaly
5F6974

Tritanomaly
4A6E76

Monochromacy



Original Color
496F73

Achromatopsia
646464

Achromatomaly
5A6869

CSS Examples

Text

The CSS property to change the color of the text to Hex 496F73 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 #496F73 looks like.

```
.text, #text, p{  
    color:#496F73  
}
```

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 #496F73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496F73
}
```

Border

The CSS property to change the border of an element to Hex 496F73 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
#496F73 }
```

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

```
.border{ border-color:#496F73 }
```

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

Here you see how a box with a 4 pixel #496F73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496F73; -webkit-box-shadow:4px 4px  
4px 4px #496F73; box-shadow:4px 4px 4px  
4px #496F73 }
```

Background

The CSS property to change the background color of an element to Hex 496F73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496F73 }
```

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

```
.background{ background-color:#496F73 }
```

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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