

Converting Colors

Hex(496F77)

Have a look what the booklet for
Hex(496F77) contains.

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Color

Hex(496F77)

Conversions

Conversions Part 1

Format	Color
Hex	496F77
RGB	73, 111, 119
RGB Percent	29%, 44%, 47%
CMY	0.7137, 0.5647, 0.5333
CMYK	0.39, 0.07, 0.00, 0.53
HSL	190°, 24%, 38%
HSV	190°, 39%, 47%
XYZ	11.7619, 14.1173, 19.5577
YIQ	100.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

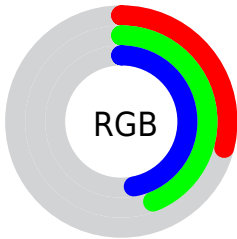
Format	Color
RYB	73, 94, 119
Decimal	4812663
CIELab	44.40, -11.19, -8.71
CIElCh	44, 14.174, 217.896
Yxy	14.1173, 0.2589, 0.3107
Android (android.graphics.Color)	4283002743 (0xFF496F77)
YUV	100.5500, 9.0959, -24.1613
Hunter-Lab	37.5729, -9.8748, -4.5610

Details

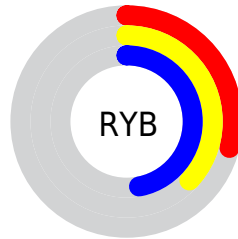
The Hex color **496F77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775149**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7CA3AB**, and **183F47** is the 20% darker color. If you saturate the color by 10%, you get **3D6D77**, and if you desaturate by 10%, it is **557177**.

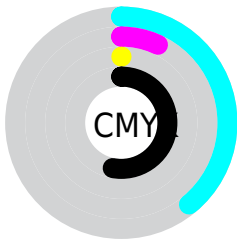
Distribution



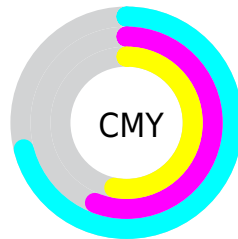
- Red (29%)
- Green (44%)
- Blue (47%)



- Red (29%)
- Yellow (37%)
- Blue (47%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496F77 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 496F77 by changing the saturation by 10% instead.

496F77

496F77

FFFFFF

31575E

7CA3AB

183F47

96BEC6

002930

B1DAE2

00161B

CDF6FF

000000

EAffff

496F77

496F77

3D6D77

557177

316B77

617377

■ 256977

■ 6D7577

■ 196777

■ 797777

■ 0D6577

■ 847977

■ 026377

■ 907B77

■ 006277

■ 9C7D77

■ A88077

■ B48277

Harmonies

Analogous

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



4B706C



496F77



516D7E

Triad

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



496F77



7B6272



6F6952

Complementary

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



496F77



775149

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.



7A6554



496F77



816166

Square

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



496F77



6F657C



80625B



626D56

Rectangle

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



496F77



5A6A80



80625B



736852

Sweetspot

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



496F77



89989C



497751



444D4F



CFCFCF



4F4F4F

Same Dimension

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



496F77



548F9C



495877



353A3B



00657A



00CEFA

Inverse Universe

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



77496F



9C548F



776849



3B353A



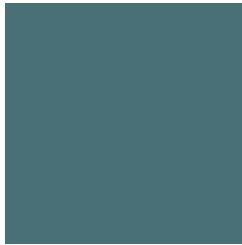
7A0065



FA00CE

Previews

White Background



This preview shows how the Hex color 496F77 looks on a white background.

Color Contrast Check

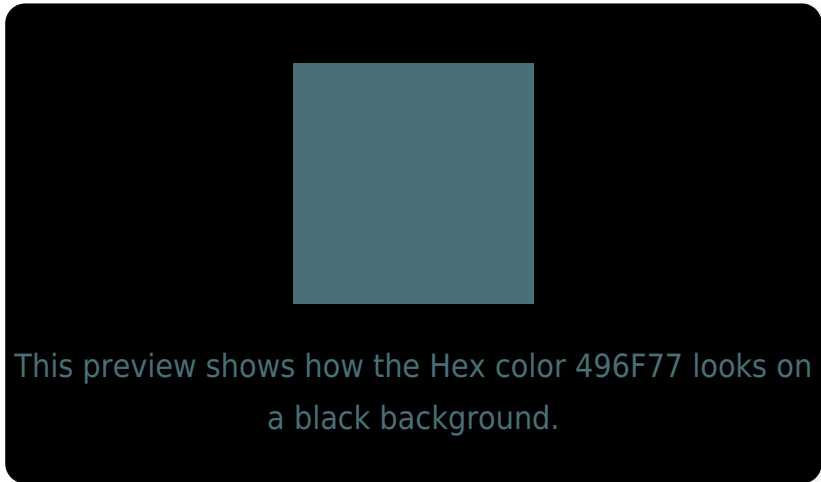
Large Text (above 18pt) WCAG AA ✓ Pass

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

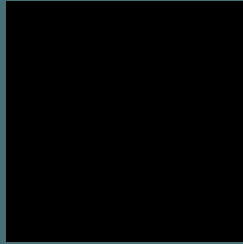
Any Text WCAG AA × Fail

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 496F77 Background



This preview shows how black text looks on a background with the Hex color 496F77.



This preview shows how white text looks on a background with the Hex color 496F77.

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
496F77

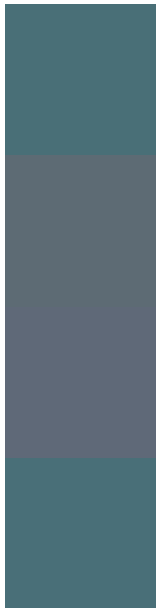
Protanopia
686872

Deuteranopia
6B6679



Tritanopia
496F78

Trichromacy



Original Color
496F77

Protanomaly
5D6B74

Deuteranomaly
5F6978

Tritanomaly
496F78

Monochromacy



Original Color
496F77

Achromatopsia
656565

Achromatomaly
5B696C

CSS Examples

Text

The CSS property to change the color of the text to Hex 496F77 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 #496F77 looks like.

```
.text, #text, p{  
    color:#496F77  
}
```

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 #496F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496F77  
}
```

Border

The CSS property to change the border of an element to Hex 496F77 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  
#496F77 }
```

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

```
.border{ border-color:#496F77 }
```

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

Here you see how a box with a 4 pixel #496F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496F77; -webkit-box-shadow:4px 4px  
4px 4px #496F77; box-shadow:4px 4px 4px  
4px #496F77 }
```

Background

The CSS property to change the background color of an element to Hex 496F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496F77 }
```

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

```
.background{ background-color:#496F77 }
```

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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