

# Converting Colors

Hex(496A73)

Have a look what the booklet for  
Hex(496A73) contains.

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# Color

Hex(496A73)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496A73
RGB	73, 106, 115
RGB Percent	29%, 42%, 45%
CMY	0.7137, 0.5843, 0.5490
CMYK	0.37, 0.08, 0.00, 0.55
HSL	193°, 22%, 37%
HSV	193°, 37%, 45%
XYZ	10.9962, 12.9623, 18.1421
YIQ	97.1590, -22.5570, -4.1970

# Conversions

## Conversions Part 2

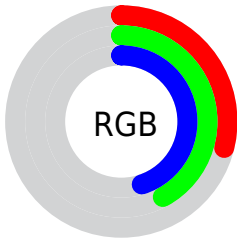
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 91, 115
Decimal	4811379
CIE <sub>Lab</sub>	42.71, -9.41, -8.84
CIE <sub>LCh</sub>	43, 12.909, 223.195
Yxy	12.9623, 0.2612, 0.3079
Android (android.graphics.Color)	4283001459 (0xFF496A73)
YUV	97.1590, 8.7956, -21.1874
Hunter-Lab	36.0033, -8.4878, -4.6740

# Details

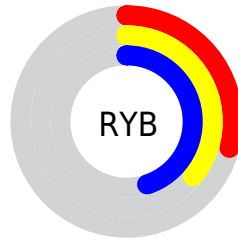
The Hex color **496A73** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **735249**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7B9DA7**, and **193B43** is the 20% darker color. If you saturate the color by 10%, you get **3E6873**, and if you desaturate by 10%, it is **556C73**.

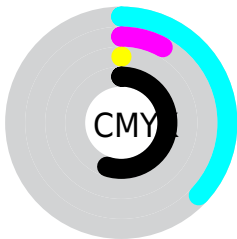
# Distribution



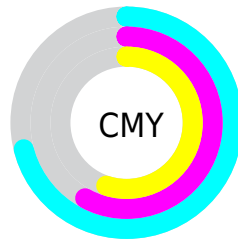
- Red (29%)
- Green (42%)
- Blue (45%)



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



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (71%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496A73 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 496A73 by changing the saturation by 10% instead.





496A73



496A73

FFFFFF



31525A



7B9DA7



193B43



96B8C2



00252D



B1D4DE



001118



CCF0FB



000000



E9FFFF



496A73



496A73



3E6873



556C73



326573



606F73

■ 276373

■ 6C7173

■ 1B6073

■ 777473

■ 105E73

■ 837673

■ 045B73

■ 8E7973

■ 005A73

■ 9A7B73

■ A57E73

■ B08073

# Harmonies

## Analogous

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



496B69



496A73



516879

# Triad

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



496A73



775E6B



686650

# Complementary

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



496A73



735249

# 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.



736251



496A73



7B5D60

# Square

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



496A73



6C6174



795F57



5C6955

# Rectangle

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



496A73



5A657A



795F57



6C6450



# Sweetspot

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



496A73



869396



497351



434A4D



CCCCCC



4D4D4D



# Same Dimension

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



496A73



548896



495673



35393B



00607A



00C4FA



# Inverse Universe

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



73496A



965488



736649



3B3539



7A0060



FA00C4



# Previews

## White Background



This preview shows how the Hex color 496A73 looks on a white background.

## Color Contrast Check

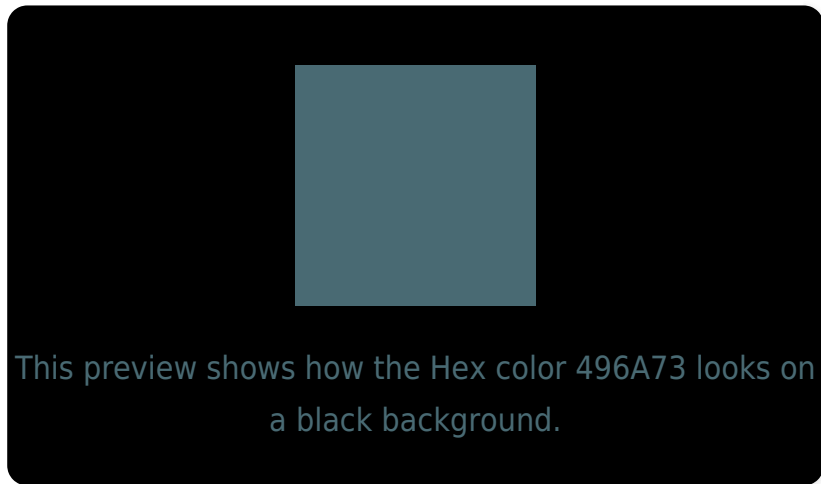
Large Text (above 18pt) WCAG AA ✓ Pass

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

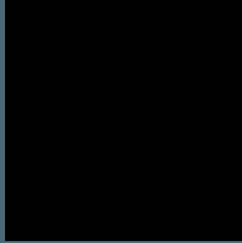
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496A73 Background



This preview shows how black text looks on a background with the Hex color 496A73.

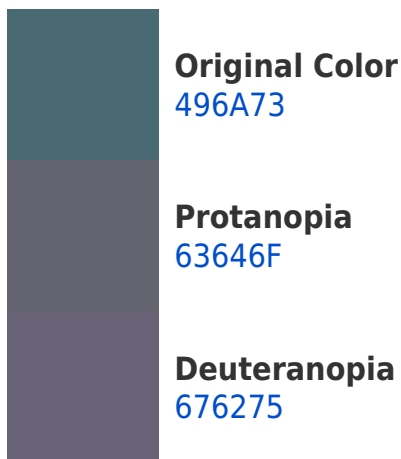



This preview shows how white text looks on a background with the Hex color 496A73.

# 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](#).

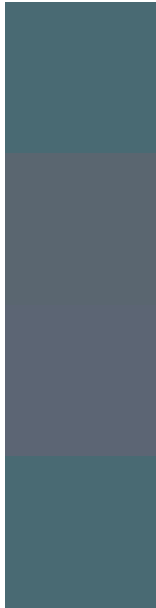
## Dichromacy





**Tritanopia**  
496A73

# Trichromacy



**Original Color**  
496A73

**Protanomaly**  
5A6670

**Deuteranomaly**  
5C6574

**Tritanomaly**  
496A73

# Monochromacy



**Original Color**  
496A73

**Achromatopsia**  
616161

**Achromatomaly**  
586468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496A73 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 #496A73 looks like.

```
.text, #text, p{  
    color:#496A73  
}
```

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 #496A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496A73
}
```

## Border

The CSS property to change the border of an element to Hex 496A73 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
#496A73 }
```

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

```
.border{ border-color:#496A73 }
```

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

Here you see how a box with a 4 pixel #496A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496A73; -webkit-box-shadow:4px 4px  
4px 4px #496A73; box-shadow:4px 4px 4px  
4px #496A73 }
```

# Background

The CSS property to change the background color of an element to Hex 496A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496A73 }
```

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

```
.background{ background-color:#496A73 }
```

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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