

# Converting Colors

Hex(596E73)

Have a look what the booklet for  
Hex(596E73) contains.

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# Color

**Hex(596E73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	596E73
RGB	89, 110, 115
RGB Percent	35%, 43%, 45%
CMY	0.6510, 0.5686, 0.5490
CMYK	0.23, 0.04, 0.00, 0.55
HSL	192°, 13%, 40%
HSV	192°, 23%, 45%
XYZ	12.7903, 14.5135, 18.3469
YIQ	104.2910, -14.1210, -2.8970

# Conversions

## Conversions Part 2

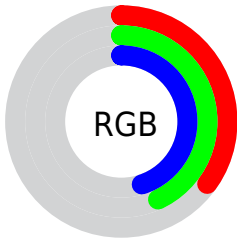
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 101, 115
Decimal	5860979
CIE <sub>Lab</sub>	44.96, -6.54, -5.36
CIE <sub>LCh</sub>	45, 8.456, 219.355
Yxy	14.5135, 0.2802, 0.3179
Android (android.graphics.Color)	4284051059 (0xFF596E73)
YUV	104.2910, 5.2795, -13.4102
Hunter-Lab	38.0966, -6.7408, -1.8858

# Details

The Hex color **596E73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **735E59**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8BA2A7**, and **2A3E43** is the 20% darker color. If you saturate the color by 10%, you get **4E6C73**, and if you desaturate by 10%, it is **657073**.

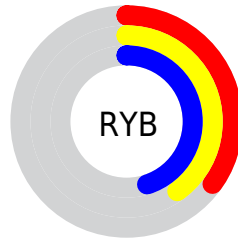
# Distribution



Red (35%)

Green (43%)

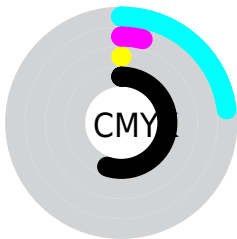
Blue (45%)



Red (35%)

Yellow (40%)

Blue (45%)

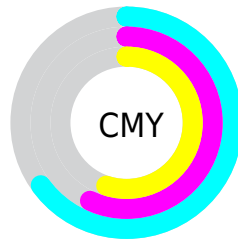


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (57%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 596E73 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 596E73 by changing the saturation by 10% instead.



■ 596E73

■ 596E73

FFFFFF

■ 41565A

■ 8BA2A7

■ 2A3E43

■ A6BDC2

■ 15292D

■ C1D8DE

■ 001418

■ DDF5FB

■ 000000

■ FAFFFF

■ 596E73

■ 596E73

■ 4E6C73

■ 657073

■ 426A73

■ 707273

■ 366773

■ 7C7573

■ 2B6573

■ 877773

■ 1F6373

■ 937973

■ 146173

■ 9E7B73

■ 085F73

■ AA7D73

■ 005D73

■ B58073

■ C18273

# Harmonies

## Analogous

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



596F6C



596E73



5E6C77

# Triad

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



596E73



76666F



6E6B5D

# Complementary

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



596E73



735E59

# 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.



75685D



596E73



796668

# Square

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



596E73



6E6875



796662



666D5F

# Rectangle

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



596E73



636B78



796662



706A5C



# Sweetspot

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



596E73



8C9496



59735E



464B4D



CCCCCC



4D4D4D



# Same Dimension

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



596E73



6E8F96



596173



353A3B



00637A



00CAFA



# Inverse Universe

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



73596E



966E8F



736B59



3B353A



7A0063



FA00CA



# Previews

## White Background



This preview shows how the Hex color 596E73 looks on a white background.

## Color Contrast Check

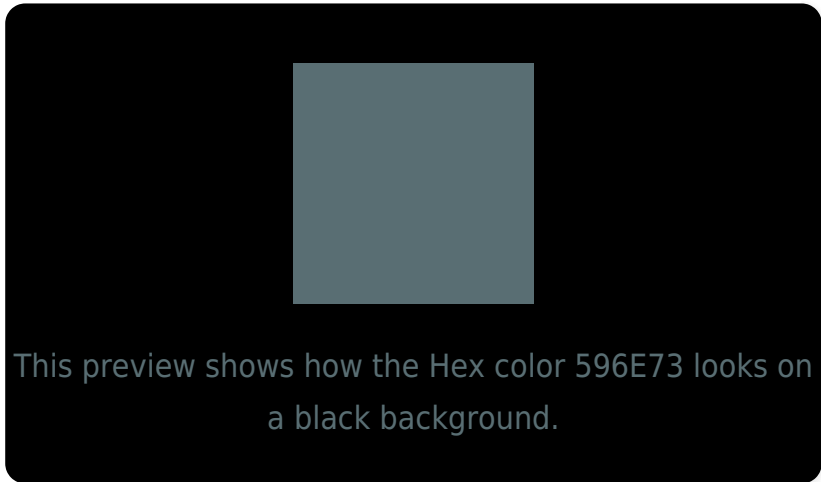
Large Text (above 18pt) WCAG AA ✓ Pass

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

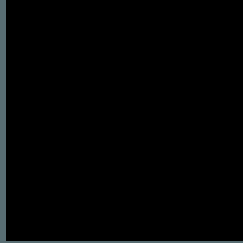
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 596E73 Background



This preview shows how black text looks on a background with the Hex color 596E73.



This preview shows how white text looks on a background with the Hex color 596E73.

# 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](#).

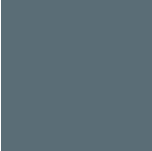
## Dichromacy



**Original Color**  
596E73

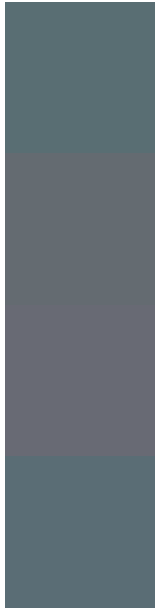
**Protanopia**  
6A6970

**Deuteranopia**  
706774



**Tritanopia**  
5A6D76

# Trichromacy



**Original Color**  
596E73

**Protanomaly**  
646B71

**Deuteranomaly**  
686A74

**Tritanomaly**  
5A6D75

# Monochromacy



**Original Color**  
596E73

**Achromatopsia**  
686868

**Achromatomaly**  
636A6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 596E73 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 #596E73 looks like.

```
.text, #text, p{  
    color:#596E73  
}
```

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 #596E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596E73  
}
```

## Border

The CSS property to change the border of an element to Hex 596E73 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  
#596E73 }
```

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

```
.border{ border-color:#596E73 }
```

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

Here you see how a box with a 4 pixel #596E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596E73; -webkit-box-shadow:4px 4px  
4px 4px #596E73; box-shadow:4px 4px 4px  
4px #596E73 }
```

# Background

The CSS property to change the background color of an element to Hex 596E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596E73 }
```

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

```
.background{ background-color:#596E73 }
```

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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