

# Converting Colors

Hex(5E6F76)

Have a look what the booklet for  
Hex(5E6F76) contains.

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# Color

**Hex(5E6F76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E6F76
RGB	94, 111, 118
RGB Percent	37%, 44%, 46%
CMY	0.6314, 0.5647, 0.5373
CMYK	0.20, 0.06, 0.00, 0.54
HSL	198°, 11%, 42%
HSV	198°, 20%, 46%
XYZ	13.5705, 15.0566, 19.3305
YIQ	106.7150, -12.3790, -1.4270

# Conversions

## Conversions Part 2

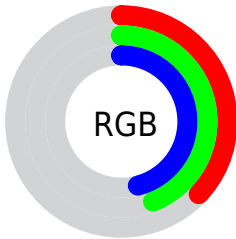
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 104, 118
Decimal	6188918
CIE <sub>Lab</sub>	45.71, -4.67, -6.01
CIE <sub>LCh</sub>	46, 7.608, 232.150
Yxy	15.0566, 0.2830, 0.3140
Android (android.graphics.Color)	4284378998 (0xFF5E6F76)
YUV	106.7150, 5.5635, -11.1511
Hunter-Lab	38.8028, -5.4779, -2.3747

# Details

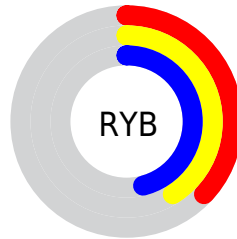
The Hex color **5E6F76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76655E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **91A3AA**, and **2F3F46** is the 20% darker color. If you saturate the color by 10%, you get **526C76**, and if you desaturate by 10%, it is **6A7276**.

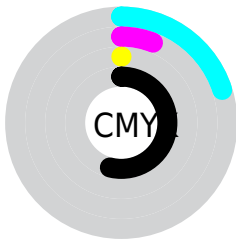
# Distribution



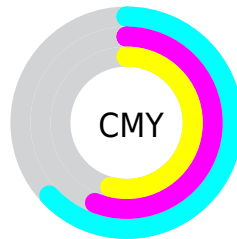
- Red (37%)
- Green (44%)
- Blue (46%)



- Red (37%)
- Yellow (41%)
- Blue (46%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (54%)



- Cyan (63%)
- Magenta (56%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E6F76 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 5E6F76 by changing the saturation by 10% instead.



■ 5E6F76

■ 5E6F76

FFFFFF

■ 46575D

■ 91A3AA

■ 2F3F46

■ ABBEC5

■ 1A292F

■ C7D9E1

■ 02151B

■ E3F6FE

■ 000000

■ 5E6F76

■ 5E6F76

■ 526C76

■ 6A7276

■ 466876

■ 767676

■ 3B6576

■ 817976

■ 2F6176

■ 8D7D76

■ 235E76

■ 998076

■ 175A76

■ A58476

■ 0B5776

■ B18776

■ 005476

■ BC8B76

■ C88E76

# Harmonies

## Analogous

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



5C7071



5E6F76



646D79

# Triad

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



5E6F76



78686E



6C6D60

# Complementary

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



5E6F76



76655E

# 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.



736B60



5E6F76



7A6868

# Square

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



5E6F76



736974



786962



656F64

# Rectangle

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



5E6F76



696C79



786962



6F6D60



# Sweetspot

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



5E6F76



909699



5E7665



474B4D



CCCCCC



4D4D4D



# Same Dimension

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



5E6F76



748E99



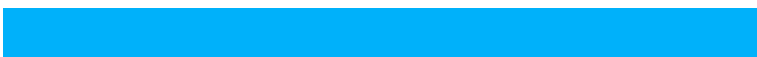
5E6376



35393B



00577A



00B1FA



# Inverse Universe

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



765E6F



99748E



76715E



3B3539



7A0057



FA00B1



# Previews

## White Background



This preview shows how the Hex color 5E6F76 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

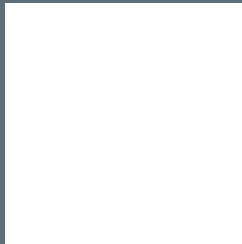
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E6F76 Background



This preview shows how black text looks on a background with the Hex color 5E6F76.



This preview shows how white text looks on a background with the Hex color 5E6F76.

# 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**  
5E6F76

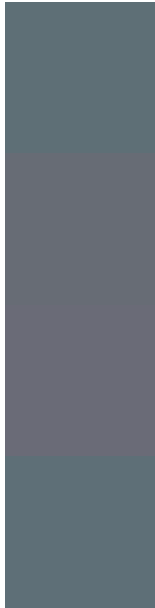
**Protanopia**  
6C6B74

**Deuteranopia**  
716977



**Tritanopia**  
5E6F78

# Trichromacy



**Original Color**  
5E6F76

**Protanomaly**  
676C75

**Deuteranomaly**  
6A6B77

**Tritanomaly**  
5E6F77

# Monochromacy



**Original Color**  
5E6F76

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
666C6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E6F76 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 #5E6F76 looks like.

```
.text, #text, p{  
    color:#5E6F76  
}
```

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 #5E6F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6F76
}
```

## Border

The CSS property to change the border of an element to Hex 5E6F76 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
#5E6F76 }
```

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

```
.border{ border-color:#5E6F76 }
```

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

Here you see how a box with a 4 pixel #5E6F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6F76; -webkit-box-shadow:4px 4px  
4px 4px #5E6F76; box-shadow:4px 4px 4px  
4px #5E6F76 }
```

# Background

The CSS property to change the background color of an element to Hex 5E6F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6F76 }
```

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

```
.background{ background-color:#5E6F76 }
```

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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