

# Converting Colors

Hex(5D6E73)

Have a look what the booklet for  
Hex(5D6E73) contains.

<b>Hex(5D6E73)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5D6E73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6E73
RGB	93, 110, 115
RGB Percent	36%, 43%, 45%
CMY	0.6353, 0.5686, 0.5490
CMYK	0.19, 0.04, 0.00, 0.55
HSL	194°, 11%, 41%
HSV	194°, 19%, 45%
XYZ	13.1846, 14.7168, 18.3654
YIQ	105.4870, -11.7370, -2.0490

# Conversions

## Conversions Part 2

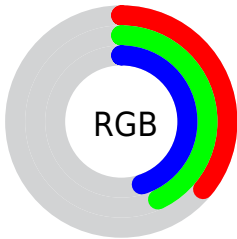
Format	Color
RYP	93, 103, 115
Decimal	6123123
CIELab	45.24, -5.15, -4.91
CIElCh	45, 7.118, 223.621
Yxy	14.7168, 0.2850, 0.3181
Android (android.graphics.Color)	4284313203 (0xFF5D6E73)
YUV	105.4870, 4.6899, -10.9511
Hunter-Lab	38.3625, -5.7865, -1.5303

# Details

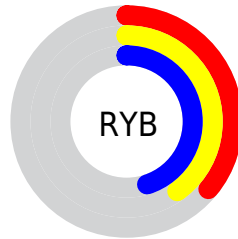
The Hex color **5D6E73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73625D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **90A2A7**, and **2E3E43** is the 20% darker color. If you saturate the color by 10%, you get **526B73**, and if you desaturate by 10%, it is **697173**.

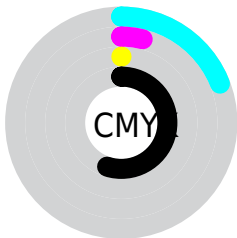
# Distribution



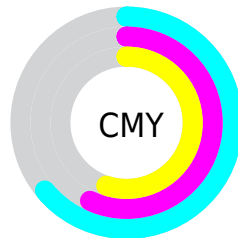
- Red (36%)
- Green (43%)
- Blue (45%)



- Red (36%)
- Yellow (40%)
- Blue (45%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (57%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6E73 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 5D6E73 by changing the saturation by 10% instead.



■ 5D6E73

■ 5D6E73

FFFFFF

■ 45565A

■ 90A2A7

■ 2E3E43

■ AABDC2

■ 19292D

■ C6D8DE

■ 001418

■ E2F5FA

■ 000000

FEFFFF

■ 5D6E73

■ 5D6E73

■ 526B73

■ 697173

■ 466973

■ 747373

■ 3B6673

■ 807673

■ 2F6473

■ 8B7873

■ 236173

■ 977B73

■ 185E73

■ A27E73

■ 0C5C73

■ AE8073

■ 015973

■ B98373

■ 005973

■ C48673

# Harmonies

## Analogous

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



5D6F6E



5D6E73



616D76

# Triad

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



5D6E73



75676F



6D6C60

# Complementary

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



5D6E73



73625D

# 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.



736A60



5D6E73



786768

# Square

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



5D6E73



706974



776863



666D62

# Rectangle

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



5D6E73



666B77



776863



6F6B5F



# Sweetspot

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



5D6E73



8D9496



5D7362



474B4D



CCCCCC



4D4D4D



# Same Dimension

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



5D6E73



748F96



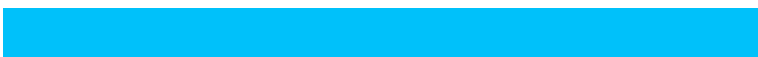
5D6373



35393B



005F7A



00C1FA



# Inverse Universe

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



735D6E



96748F



736D5D



3B3539



7A005F



FA00C1



# Previews

## White Background



This preview shows how the Hex color 5D6E73 looks on a white background.

## Color Contrast Check

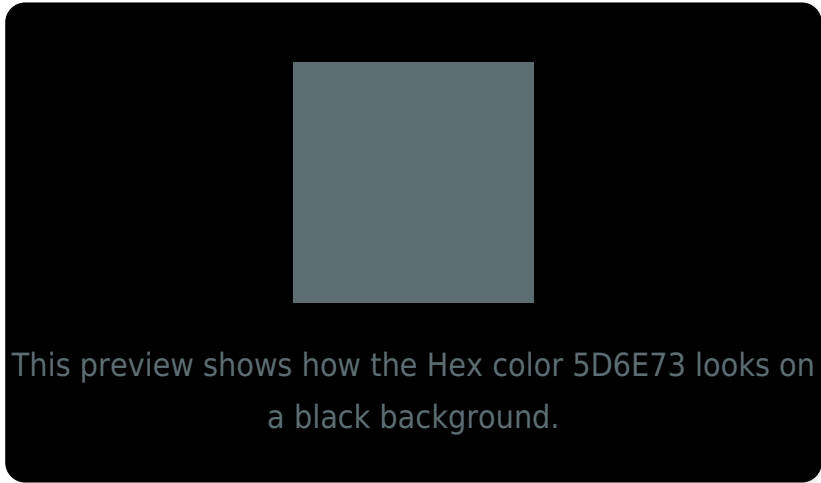
Large Text (above 18pt) WCAG AA ✓ Pass

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

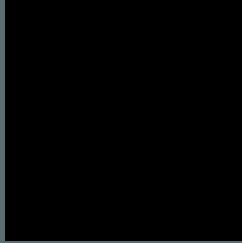
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

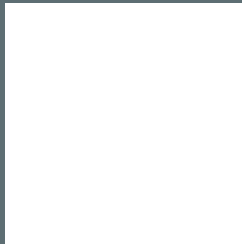
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D6E73 Background



This preview shows how black text looks on a background with the Hex color 5D6E73.



This preview shows how white text looks on a background with the Hex color 5D6E73.

# 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**  
5D6E73

**Protanopia**  
6B6A71

**Deuteranopia**  
716874



**Tritanopia**  
5E6D76

# Trichromacy



**Original Color**  
5D6E73

**Protanomaly**  
666B72

**Deuteranomaly**  
6A6A74

**Tritanomaly**  
5E6D75

# Monochromacy



**Original Color**  
5D6E73

**Achromatopsia**  
696969

**Achromatomaly**  
656B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6E73 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 #5D6E73 looks like.

```
.text, #text, p{  
    color:#5D6E73  
}
```

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 #5D6E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6E73
}
```

## Border

The CSS property to change the border of an element to Hex 5D6E73 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
#5D6E73 }
```

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

```
.border{ border-color:#5D6E73 }
```

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

Here you see how a box with a 4 pixel #5D6E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6E73; -webkit-box-shadow:4px 4px  
4px 4px #5D6E73; box-shadow:4px 4px 4px  
4px #5D6E73 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6E73 }
```

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

```
.background{ background-color:#5D6E73 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor