

# Converting Colors

Hex(5A656C)

Have a look what the booklet for  
Hex(5A656C) contains.

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# Color

**Hex(5A656C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A656C
RGB	90, 101, 108
RGB Percent	35%, 40%, 42%
CMY	0.6471, 0.6039, 0.5765
CMYK	0.17, 0.06, 0.00, 0.58
HSL	203°, 9%, 39%
HSV	203°, 17%, 42%
XYZ	11.5769, 12.5637, 16.0022
YIQ	98.5090, -8.8030, -0.1550

# Conversions

## Conversions Part 2

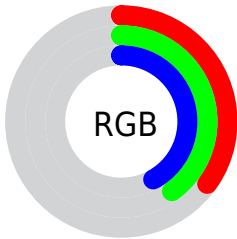
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 97, 108
Decimal	5924204
CIE Lab	42.10, -2.57, -5.38
CIE LCh	42, 5.960, 244.406
Yxy	12.5637, 0.2884, 0.3130
Android (android.graphics.Color)	4284114284 (0xFF5A656C)
<b>YUV</b>	98.5090, 4.6791, -7.4624
Hunter-Lab	35.4454, -3.7290, -1.9554

# Details

The Hex color **5A656C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C615A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8C989F**, and **2C363D** is the 20% darker color. If you saturate the color by 10%, you get **4F616C**, and if you desaturate by 10%, it is **65696C**.

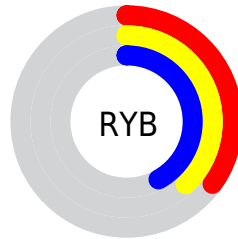
# Distribution



Red (35%)

Green (40%)

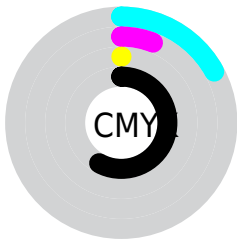
Blue (42%)



Red (35%)

Yellow (38%)

Blue (42%)

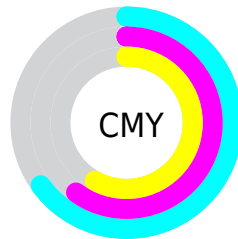


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (60%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A656C 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 5A656C by changing the saturation by 10% instead.





5A656C



5A656C

FFFFFF



424D54



8C989F



2C363D



A7B3BA



172127



C2CED6



000A12



DEEAF2



000000



FAFFFF



5A656C



5A656C



4F616C



65696C



445D6C



706D6C

■ 3A586C

■ 7A726C

■ 2F546C

■ 85766C

■ 24506C

■ 907A6C

■ 194C6C

■ 9B7E6C

■ 0E486C

■ A6826C

■ 04436C

■ B0876C

■ 00426C

■ BB8B6C

# Harmonies

## Analogous

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



576669



5A656C



5F636D

# Triad

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



5A656C



6E6063



61655B

# Complementary

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



5A656C



6C615A

# 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.



67635A



5A656C



6E605E

# Square

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



5A656C



6B6168



6B625B



5C665F

# Rectangle

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



5A656C



63626C



6B625B



63645A



# Sweetspot

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



5A656C



858A8C



5A6C61



434647



C7C7C7



474747



# Same Dimension

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



5A656C



70818C



5A5C6C



303336



004875



0096F5



# Inverse Universe

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



6C5A65



8C7081



6C6A5A



363033



750048

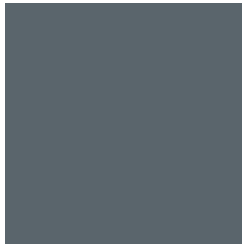


F50096



# Previews

## White Background



This preview shows how the Hex color 5A656C looks on a white background.

## Color Contrast Check

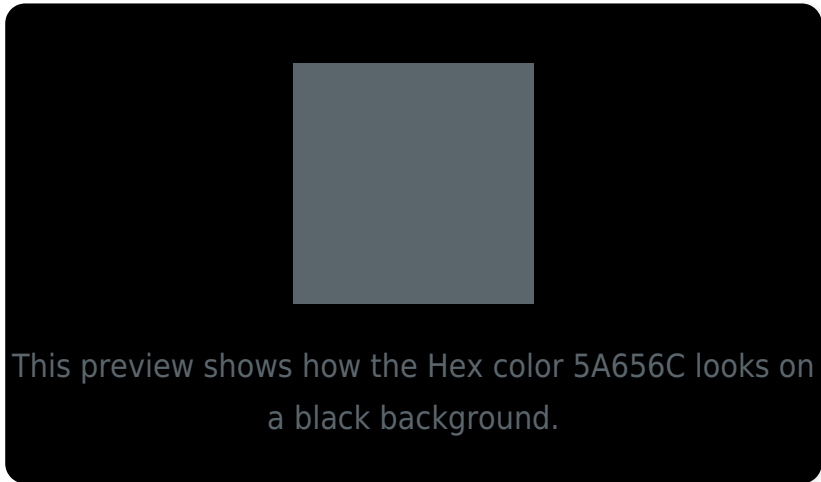
Large Text (above 18pt) WCAG AA ✓ Pass

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

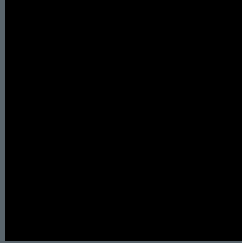
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

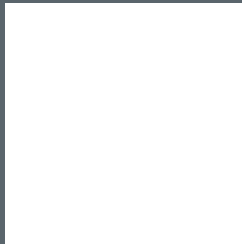
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A656C Background



This preview shows how black text looks on a background with the Hex color 5A656C.



This preview shows how white text looks on a background with the Hex color 5A656C.

# 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](#).

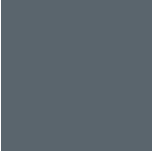
## Dichromacy



**Original Color**  
5A656C

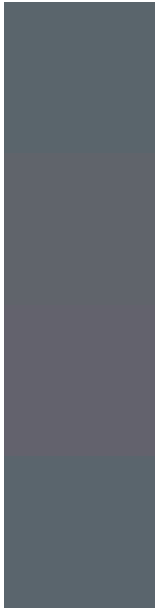
**Protanopia**  
63636B

**Deuteranopia**  
68606D



**Tritanopia**  
5A656D

# Trichromacy



**Original Color**  
5A656C

**Protanomaly**  
60646B

**Deuteranomaly**  
63626D

**Tritanomaly**  
5A656D

# Monochromacy



**Original Color**  
5A656C

**Achromatopsia**  
636363

**Achromatomaly**  
606466

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A656C 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 #5A656C looks like.

```
.text, #text, p{  
    color:#5A656C  
}
```

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 #5A656C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A656C
}
```

## Border

The CSS property to change the border of an element to Hex 5A656C is called "border". The border property can be set on classes, ids or directly on the HTML element.

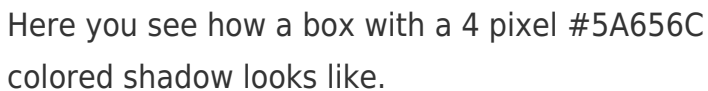
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A656C }
```

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

```
.border{ border-color:#5A656C }
```

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



Here you see how a box with a 4 pixel #5A656C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A656C; -webkit-box-shadow:4px 4px  
4px 4px #5A656C; box-shadow:4px 4px 4px  
4px #5A656C }
```

# Background

The CSS property to change the background color of an element to Hex 5A656C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A656C }
```

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

```
.background{ background-color:#5A656C }
```

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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