

# Converting Colors

Hex(5F696A)

Have a look what the booklet for  
Hex(5F696A) contains.

<b>Hex(5F696A)</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(5F696A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F696A
RGB	95, 105, 106
RGB Percent	37%, 41%, 42%
CMY	0.6275, 0.5882, 0.5843
CMYK	0.10, 0.01, 0.00, 0.58
HSL	185°, 5%, 39%
HSV	185°, 10%, 42%
XYZ	12.3724, 13.5767, 15.6041
YIQ	102.1240, -6.2810, -1.8090

# Conversions

## Conversions Part 2

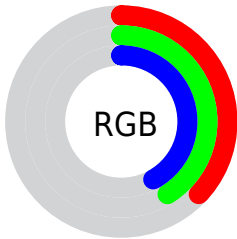
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 100, 106
Decimal	6252906
CIE <sub>Lab</sub>	43.62, -3.58, -1.87
CIE <sub>LCh</sub>	44, 4.039, 207.579
Yxy	13.5767, 0.2977, 0.3267
Android (android.graphics.Color)	4284442986 (0xFF5F696A)
YUV	102.1240, 1.9109, -6.2477
Hunter-Lab	36.8465, -4.5442, 0.6838

# Details

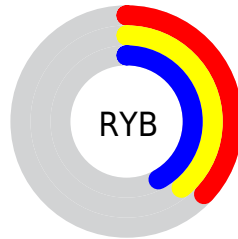
The Hex color **5F696A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A605F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **919C9D**, and **313A3B** is the 20% darker color. If you saturate the color by 10%, you get **54686A**, and if you desaturate by 10%, it is **6A6A6A**.

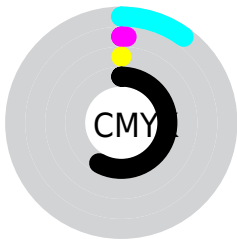
# Distribution



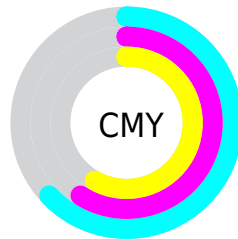
- Red (37%)
- Green (41%)
- Blue (42%)



- Red (37%)
- Yellow (39%)
- Blue (42%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (59%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F696A 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 5F696A by changing the saturation by 10% instead.





5F696A



5F696A

FFFFFF



475152



919C9D



313A3B



ACB7B8



1C2425



C7D3D4



020F10



E3EFF0



000000



5F696A



5F696A



54686A



6A6A6A



4A676A



746B6A



3F666A



7F6C6A

■ 35656A

■ 896D6A

■ 2A646A

■ 946E6A

■ 1F636A

■ 9F6F6A

■ 15626A

■ A9706A

■ 0A616A

■ B4716A

■ 00606A

■ BE726A

# Harmonies

## Analogous

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



606967



5F696A



60686D

# Triad

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



5F696A



6B656B



6A6760

# Complementary

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



5F696A



6A605F

# 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.



6D6662



5F696A



6E6567

# Square

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



5F696A



67666D



6E6564



666861

# Rectangle

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



5F696A



62686D



6E6564



6B6661



# Sweetspot

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



5F696A



86898A



5F6A60



424545



C4C4C4



454545



# Same Dimension

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



5F696A



79888A



5F646A



303536



006B75



00DFF5



# Inverse Universe

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



6A5F69



8A7988



6A655F



363035



75006B



F500DF



# Previews

## White Background



This preview shows how the Hex color 5F696A looks on a white background.

## Color Contrast Check

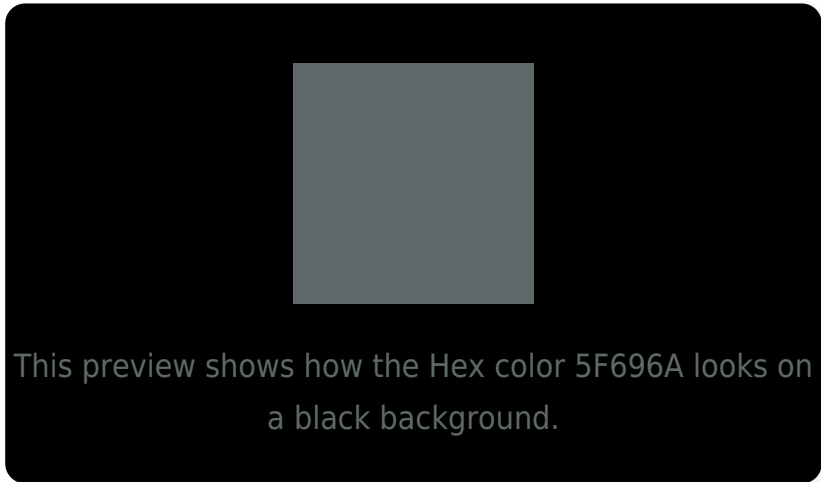
Large Text (above 18pt) WCAG AA ✓ Pass

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

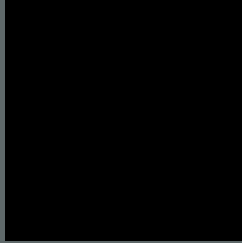
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

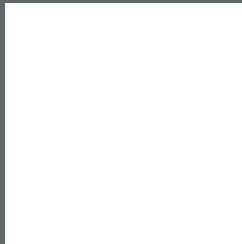
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F696A Background



This preview shows how black text looks on a background with the Hex color 5F696A.



This preview shows how white text looks on a background with the Hex color 5F696A.

# 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**

5F696A

**Protanopia**

686668

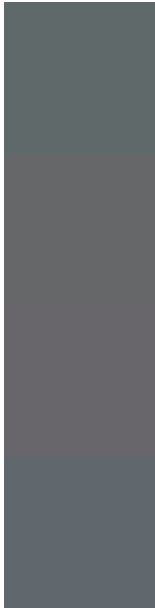
**Deuteranopia**

6F646B



**Tritanopia**  
606870

# Trichromacy



**Original Color**

5F696A

**Protanomaly**

656769

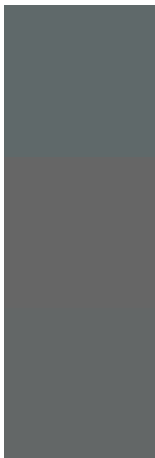
**Deuteranomaly**

69666B

**Tritanomaly**

60686E

# Monochromacy



**Original Color**

5F696A

**Achromatopsia**

666666

**Achromatomaly**

636767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F696A 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 #5F696A looks like.

```
.text, #text, p{  
    color:#5F696A  
}
```

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 #5F696A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F696A
}
```

## Border

The CSS property to change the border of an element to Hex 5F696A is called "border". The border property can be set on classes, ids or directly on the HTML element.

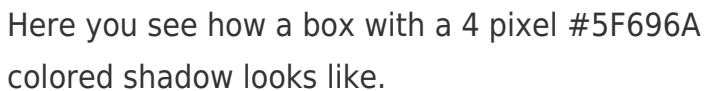
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F696A }
```

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

```
.border{ border-color:#5F696A }
```

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



Here you see how a box with a 4 pixel #5F696A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F696A; -webkit-box-shadow:4px 4px  
4px 4px #5F696A; box-shadow:4px 4px 4px  
4px #5F696A }
```

# Background

The CSS property to change the background color of an element to Hex 5F696A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F696A }
```

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

```
.background{ background-color:#5F696A }
```

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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