

# Converting Colors

Hex(5E676A)

Have a look what the booklet for  
Hex(5E676A) contains.

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# Color

**Hex(5E676A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E676A
RGB	94, 103, 106
RGB Percent	37%, 40%, 42%
CMY	0.6314, 0.5961, 0.5843
CMYK	0.11, 0.03, 0.00, 0.58
HSL	195°, 6%, 39%
HSV	195°, 11%, 42%
XYZ	12.0679, 13.1208, 15.5322
YIQ	100.6510, -6.3270, -0.9750

# Conversions

## Conversions Part 2

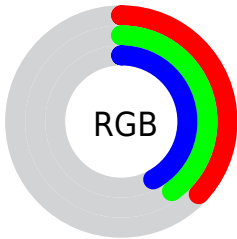
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 99, 106
Decimal	6186858
CIE Lab	42.94, -2.77, -2.87
CIE LCh	43, 3.988, 226.068
Yxy	13.1208, 0.2964, 0.3222
Android (android.graphics.Color)	4284376938 (0xFF5E676A)
YUV	100.6510, 2.6371, -5.8329
Hunter-Lab	36.2226, -3.9209, -0.0676

# Details

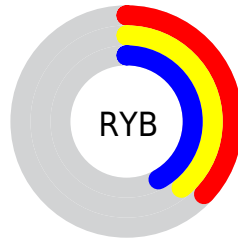
The Hex color **5E676A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A615E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **909A9D**, and **30383B** is the 20% darker color. If you saturate the color by 10%, you get **53646A**, and if you desaturate by 10%, it is **696A6A**.

# Distribution



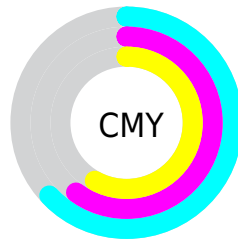
- Red (37%)
- Green (40%)
- Blue (42%)



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



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E676A 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 5E676A by changing the saturation by 10% instead.





5E676A



5E676A

FFFFFF



464F52



909A9D



30383B



ABB5B8



1B2325



C6D0D4



000D10



E2EDF0



000000



5E676A



5E676A



53646A



696A6A



49626A



736C6A



3E5F6A



7E6F6A

■ 345C6A

■ 88726A

■ 295A6A

■ 93746A

■ 1E576A

■ 9E776A

■ 14546A

■ A87A6A

■ 09526A

■ B37C6A

■ 004F6A

■ BD7F6A

# Harmonies

## Analogous

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



5E6767



5E676A



60666C

# Triad

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



5E676A



6B6367



66665F

# Complementary

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



5E676A



6A615E

# 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.



6A655F



5E676A



6D6364

# Square

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



5E676A



68646A



6C6461



626761

# Rectangle

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



5E676A



63656C



6C6461



68655F



# Sweetspot

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



5E676A



86898A



5E6A61



424445



C4C4C4



454545



# Same Dimension

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



5E676A



76858A



5E616A



303436



005875



00B8F5



# Inverse Universe

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



6A5E67



8A7685



6A675E



363034



750058



F500B8



# Previews

## White Background



This preview shows how the Hex color 5E676A looks on a white background.

## Color Contrast Check

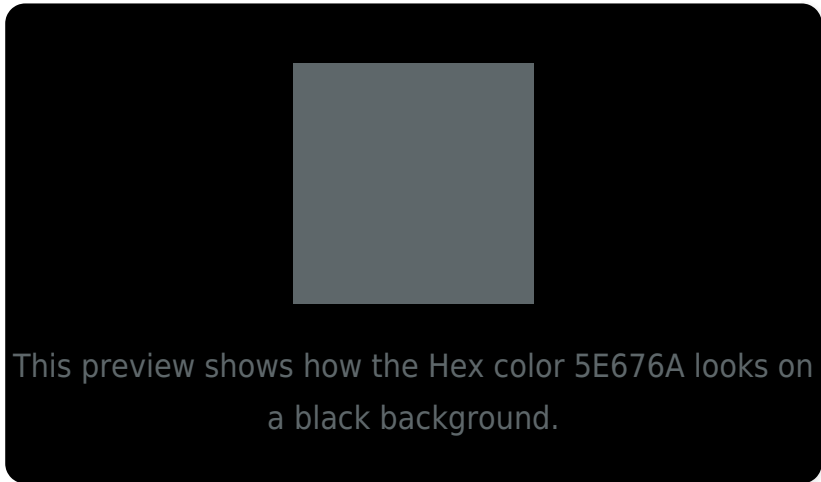
Large Text (above 18pt) WCAG AA ✓ Pass

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

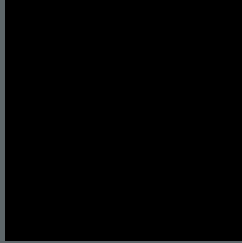
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

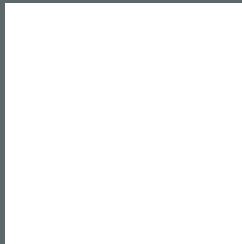
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E676A Background



This preview shows how black text looks on a background with the Hex color 5E676A.



This preview shows how white text looks on a background with the Hex color 5E676A.

# 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](#).

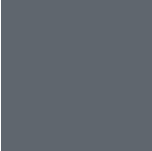
## Dichromacy



**Original Color**  
5E676A

**Protanopia**  
666569

**Deuteranopia**  
6D626B



**Tritanopia**  
5F666E

# Trichromacy



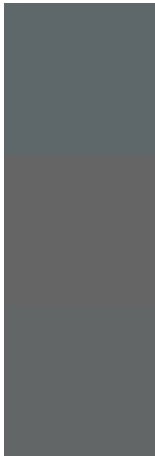
**Original Color**  
5E676A

**Protanomaly**  
636669

**Deuteranomaly**  
68646B

**Tritanomaly**  
5F666D

# Monochromacy



**Original Color**  
5E676A

**Achromatopsia**  
656565

**Achromatomaly**  
626667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E676A 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 #5E676A looks like.

```
.text, #text, p{  
    color:#5E676A  
}
```

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 #5E676A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E676A
}
```

## Border

The CSS property to change the border of an element to Hex 5E676A 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
#5E676A }
```

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

```
.border{ border-color:#5E676A }
```

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

Here you see how a box with a 4 pixel #5E676A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E676A; -webkit-box-shadow:4px 4px  
4px 4px #5E676A; box-shadow:4px 4px 4px  
4px #5E676A }
```

# Background

The CSS property to change the background color of an element to Hex 5E676A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E676A }
```

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

```
.background{ background-color:#5E676A }
```

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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