

# Converting Colors

Hex(5E626B)

Have a look what the booklet for  
Hex(5E626B) contains.

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# Color

Hex(5E626B)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E626B
RGB	94, 98, 107
RGB Percent	37%, 38%, 42%
CMY	0.6314, 0.6157, 0.5804
CMYK	0.12, 0.08, 0.00, 0.58
HSL	222°, 6%, 39%
HSV	222°, 12%, 42%
XYZ	11.6376, 12.1766, 15.6469
YIQ	97.8300, -5.2730, 1.9510

# Conversions

## Conversions Part 2

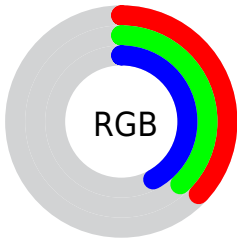
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 97, 107
Decimal	6185579
CIE <sub>Lab</sub>	41.50, 0.46, -5.63
CIE <sub>LCh</sub>	41, 5.646, 274.642
Yxy	12.1766, 0.2949, 0.3086
Android (android.graphics.Color)	4284375659 (0xFF5E626B)
<b>YUV</b>	97.8300, 4.5208, -3.3589
Hunter-Lab	34.8950, -1.5357, -2.1591

# Details

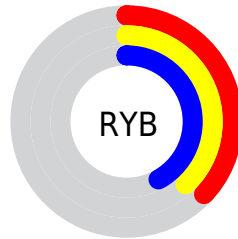
The Hex color **5E626B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B675E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **90959E**, and **30343C** is the 20% darker color. If you saturate the color by 10%, you get **535B6B**, and if you desaturate by 10%, it is **69696B**.

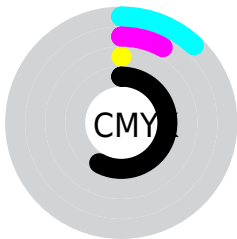
# Distribution



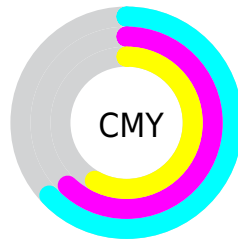
- Red (37%)
- Green (38%)
- Blue (42%)



- Red (37%)
- Yellow (38%)
- Blue (42%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E626B 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 5E626B by changing the saturation by 10% instead.





5E626B



5E626B

FFFFFF



464A53



90959E



30343C



ABAFB9



1B1F26



C6CBD5



000611



E2E7F1



000000



5E626B



5E626B



535B6B



69696B



49536B



73716B



3E4C6B



7E786B

■ 33446B

■ 89806B

■ 293D6B

■ 94876B

■ 1E366B

■ 9E8E6B

■ 132E6B

■ A9966B

■ 08276B

■ B49D6B

■ 00216B

■ BEA56B

# Harmonies

## Analogous

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



59636A



5E626B



646069

# Triad

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



5E626B



6C5F5D



5B645E

# Complementary

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



5E626B



6B675E

# 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.



60635A



5E626B



69605A

# Square

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



5E626B



6C5F61



656259



576562

# Rectangle

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



5E626B



676067



656259



5C645C



# Sweetspot

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



5E626B



87888C



5E6B67



444547



C7C7C7



474747



# Same Dimension

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



5E626B



777E8C



605E6B



303236



002475



004BF5



# Inverse Universe

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



6B5E62



8C777E



696B5E



363032



750024

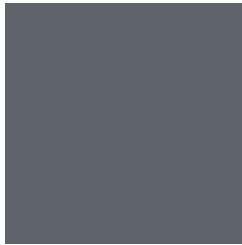


F5004B



# Previews

## White Background



This preview shows how the Hex color 5E626B 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

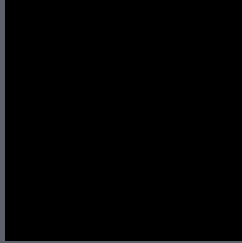
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

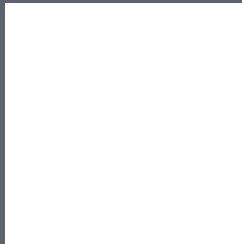
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E626B Background



This preview shows how black text looks on a background with the Hex color 5E626B.

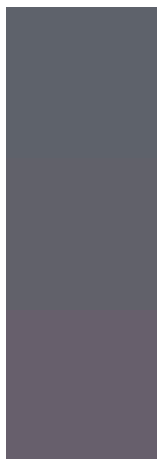


This preview shows how white text looks on a background with the Hex color 5E626B.

# 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**


5E626B

**Protanopia**

61616A

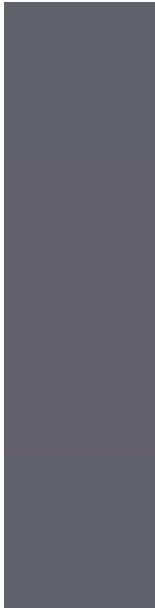
**Deuteranopia**

675F6C



**Tritanopia**  
5E626A

# Trichromacy



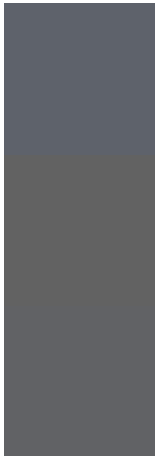
**Original Color**  
5E626B

**Protanomaly**  
60616A

**Deuteranomaly**  
64606C

**Tritanomaly**  
5E626A

# Monochromacy



**Original Color**  
5E626B

**Achromatopsia**  
626262

**Achromatomaly**  
616265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E626B 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 #5E626B looks like.

```
.text, #text, p{  
    color:#5E626B  
}
```

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 #5E626B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E626B
}
```

## Border

The CSS property to change the border of an element to Hex 5E626B is called "border". The border property can be set on classes, ids or directly on the HTML element.

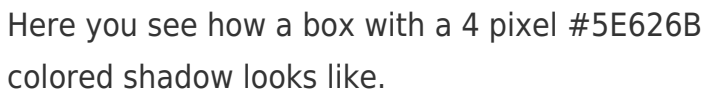
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E626B }
```

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

```
.border{ border-color:#5E626B }
```

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



Here you see how a box with a 4 pixel #5E626B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E626B; -webkit-box-shadow:4px 4px  
4px 4px #5E626B; box-shadow:4px 4px 4px  
4px #5E626B }
```

# Background

The CSS property to change the background color of an element to Hex 5E626B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E626B }
```

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

```
.background{ background-color:#5E626B }
```

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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