

# Converting Colors

Hex(5E636A)

Have a look what the booklet for  
Hex(5E636A) contains.

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# Color

**Hex(5E636A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E636A
RGB	94, 99, 106
RGB Percent	37%, 39%, 42%
CMY	0.6314, 0.6118, 0.5843
CMYK	0.11, 0.07, 0.00, 0.58
HSL	215°, 6%, 39%
HSV	215°, 11%, 42%
XYZ	11.6795, 12.3440, 15.4027
YIQ	98.3030, -5.2270, 1.1170

# Conversions

## Conversions Part 2

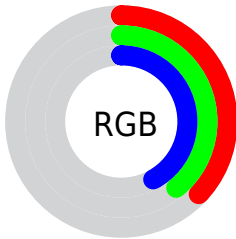
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 98, 106
Decimal	6185834
CIE Lab	41.76, -0.38, -4.63
CIE LCh	42, 4.643, 265.351
Yxy	12.3440, 0.2962, 0.3131
Android (android.graphics.Color)	4284375914 (0xFF5E636A)
YUV	98.3030, 3.7946, -3.7737
Hunter-Lab	35.1340, -2.1464, -1.3989

# Details

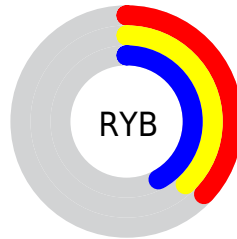
The Hex color **5E636A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A655E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **90969D**, and **30353B** is the 20% darker color. If you saturate the color by 10%, you get **535D6A**, and if you desaturate by 10%, it is **69696A**.

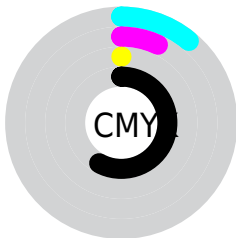
# Distribution



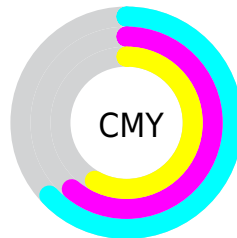
- Red (37%)
- Green (39%)
- Blue (42%)



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



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E636A 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 5E636A by changing the saturation by 10% instead.





5E636A



5E636A

FFFFFF



464B52



90969D



30353B



ABB0B8



1B1F25



C6CCD4



000710



E2E8F0



000000



5E636A



5E636A



535D6A



69696A



49576A



736F6A



3E506A



7E766A

■ 344A6A

■ 887C6A

■ 29446A

■ 93826A

■ 1E3E6A

■ 9E886A

■ 14386A

■ A88E6A

■ 09326A

■ B3946A

■ 002C6A

■ BD9B6A

# Harmonies

## Analogous

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



5B6469



5E636A



636269

# Triad

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



5E636A



6B605F



5E645E

# Complementary

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



5E636A



6A655E

# 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.



62635C



5E636A



6A615C

# Square

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



5E636A



6A6063



66625B



5A6562

# Rectangle

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



5E636A



666168



66625B



5F645D



# Sweetspot

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



5E636A



86878A



5E6A65



424345



C4C4C4



454545



# Same Dimension

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



5E636A



767E8A



5F5E6A



303236



003175



0066F5



# Inverse Universe

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



6A5E63



8A767E



696A5E



363032



750031

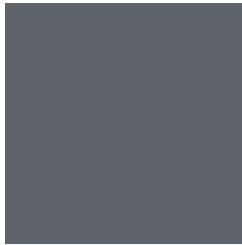


F50066



# Previews

## White Background



This preview shows how the Hex color 5E636A looks on a white background.

## Color Contrast Check

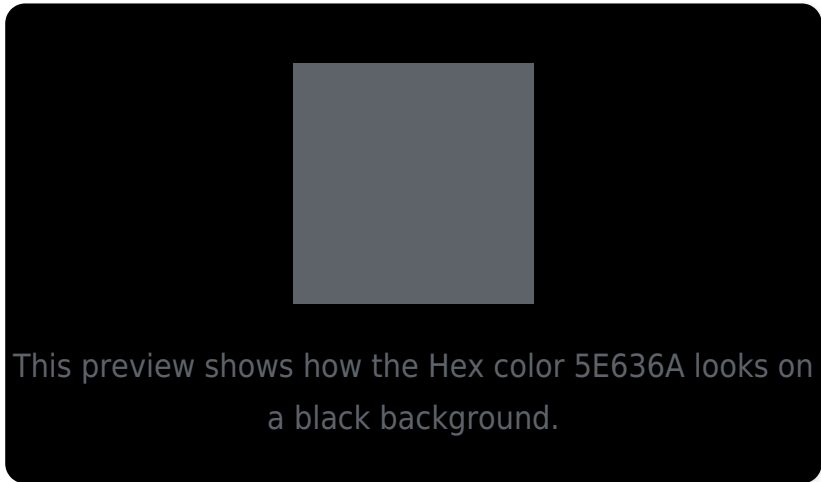
Large Text (above 18pt) WCAG AA ✓ Pass

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

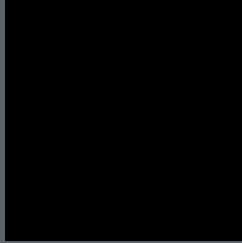
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

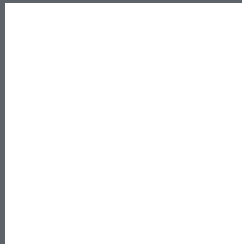
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E636A Background



This preview shows how black text looks on a background with the Hex color 5E636A.

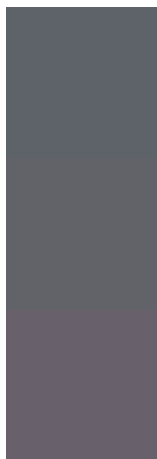


This preview shows how white text looks on a background with the Hex color 5E636A.

# 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**

5E636A

**Protanopia**

626269

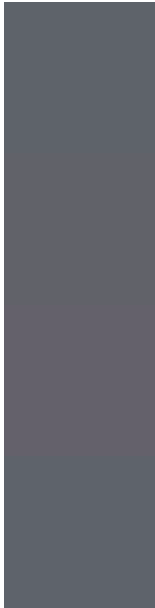
**Deuteranopia**

68606B



**Tritanopia**  
5E636B

# Trichromacy



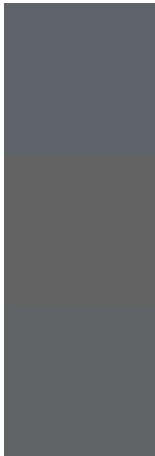
**Original Color**  
5E636A

**Protanomaly**  
616269

**Deuteranomaly**  
64616B

**Tritanomaly**  
5E636B

# Monochromacy



**Original Color**  
5E636A

**Achromatopsia**  
626262

**Achromatomaly**  
616265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E636A 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 #5E636A looks like.

```
.text, #text, p{  
    color:#5E636A  
}
```

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 #5E636A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E636A
}
```

## Border

The CSS property to change the border of an element to Hex 5E636A 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
#5E636A }
```

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

```
.border{ border-color:#5E636A }
```

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

Here you see how a box with a 4 pixel #5E636A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E636A; -webkit-box-shadow:4px 4px  
4px 4px #5E636A; box-shadow:4px 4px 4px  
4px #5E636A }
```

# Background

The CSS property to change the background color of an element to Hex 5E636A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E636A }
```

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

```
.background{ background-color:#5E636A }
```

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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