

# Converting Colors

Hex(5B5D6E)

Have a look what the booklet for  
Hex(5B5D6E) contains.

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# Color

Hex(5B5D6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B5D6E
RGB	91, 93, 110
RGB Percent	36%, 36%, 43%
CMY	0.6431, 0.6353, 0.5686
CMYK	0.17, 0.15, 0.00, 0.57
HSL	234°, 9%, 39%
HSV	234°, 17%, 43%
XYZ	11.0432, 11.1786, 16.3275
YIQ	94.3400, -6.6490, 4.8630

# Conversions

## Conversions Part 2

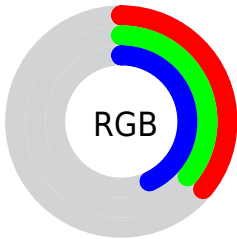
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 93, 110
Decimal	5987694
CIE Lab	39.88, 3.12, -9.91
CIE LCh	40, 10.390, 287.474
Yxy	11.1786, 0.2865, 0.2900
Android (android.graphics.Color)	4284177774 (0xFF5B5D6E)
YUV	94.3400, 7.7204, -2.9292
Hunter-Lab	33.4345, 0.4472, -5.5498

# Details

The Hex color **5B5D6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6C5B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D8FA2**, and **2D2F3E** is the 20% darker color. If you saturate the color by 10%, you get **50536E**, and if you desaturate by 10%, it is **66676E**.

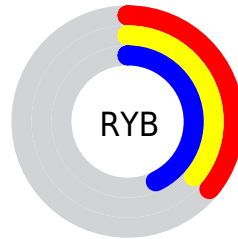
# Distribution



Red (36%)

Green (36%)

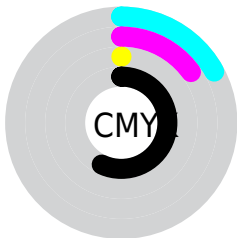
Blue (43%)



Red (36%)

Yellow (36%)

Blue (43%)

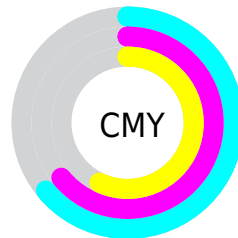


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (57%)



Cyan (64%)

Magenta (64%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5D6E 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 5B5D6E by changing the saturation by 10% instead.



■ 5B5D6E

■ 5B5D6E

FFFFFF

■ 434556

■ 8D8FA2

■ 2D2F3E

■ A8AABD

■ 181A29

■ C3C5D8

■ 000014

■ DFE1F5

■ 000000

■ FCFEFF

■ 5B5D6E

■ 5B5D6E

■ 50536E

■ 66676E

■ 45496E

■ 71716E

■ 3A3F6E

■ 7C7B6E

■ 2F366E

■ 87846E

■ 242C6E

■ 928E6E

■ 19226E

■ 9D986E

■ 0E186E

■ A8A26E

■ 030E6E

■ B3AC6E

■ 000C6E

■ BEB66E

# Harmonies

## Analogous

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



50606E



5B5D6E



655A69

# Triad

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



5B5D6E



6E5A52



4D635A

# Complementary

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



5B5D6E



6E6C5B

# 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.



566152



5B5D6E



685C4E

# Square

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



5B5D6E



705859



5F5F4E



486363

# Rectangle

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



5B5D6E



6B5965



5F5F4E



506257



# Sweetspot

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



5B5D6E



88888F



5B6E6C



434447



C7C7C7



474747



# Same Dimension

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



5B5D6E



71748F



625B6E



323338



000D78



001AF7



# Inverse Universe

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



6E5B5D



8F7174



676E5B



383233



78000D



F7001A



# Previews

## White Background



This preview shows how the Hex color 5B5D6E looks on a white background.

## Color Contrast Check

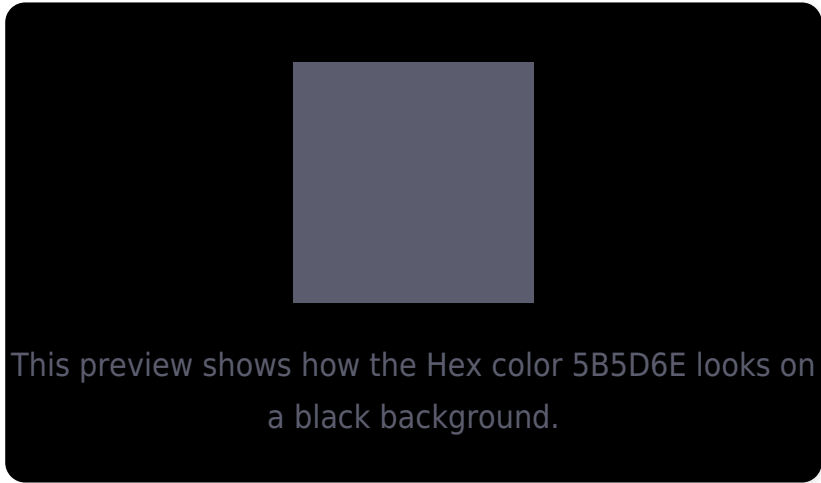
Large Text (above 18pt) WCAG AA ✓ Pass

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

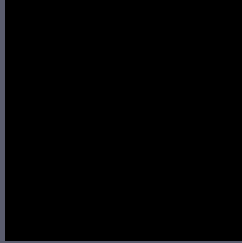
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

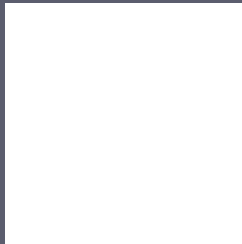
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B5D6E Background



This preview shows how black text looks on a background with the Hex color 5B5D6E.



This preview shows how white text looks on a background with the Hex color 5B5D6E.

# 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**


5B5D6E

**Protanopia**

5B5D6E

**Deuteranopia**

5F5C6E



**Tritanopia**  
5A5E66

# Trichromacy



**Original Color**

5B5D6E

**Protanomaly**

5B5D6E

**Deuteranomaly**

5E5C6E

**Tritanomaly**

5A5E69

# Monochromacy



**Original Color**

5B5D6E

**Achromatopsia**

5E5E5E

**Achromatomaly**

5D5E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5D6E 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 #5B5D6E looks like.

```
.text, #text, p{  
    color:#5B5D6E  
}
```

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 #5B5D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5D6E
}
```

## Border

The CSS property to change the border of an element to Hex 5B5D6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

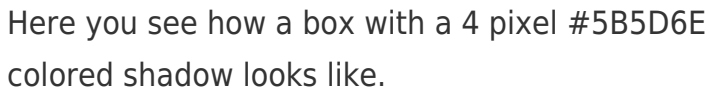
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5D6E }
```

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

```
.border{ border-color:#5B5D6E }
```

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



Here you see how a box with a 4 pixel #5B5D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5D6E; -webkit-box-shadow:4px 4px  
4px 4px #5B5D6E; box-shadow:4px 4px 4px  
4px #5B5D6E }
```

# Background

The CSS property to change the background color of an element to Hex 5B5D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5D6E }
```

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

```
.background{ background-color:#5B5D6E }
```

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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