

# Converting Colors

Hex(5B5C6A)

Have a look what the booklet for  
Hex(5B5C6A) contains.

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# Color

Hex(5B5C6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B5C6A
RGB	91, 92, 106
RGB Percent	36%, 36%, 42%
CMY	0.6431, 0.6392, 0.5843
CMYK	0.14, 0.13, 0.00, 0.58
HSL	236°, 8%, 39%
HSV	236°, 14%, 42%
XYZ	10.7430, 10.9190, 15.1770
YIQ	93.2970, -5.0900, 4.1420

# Conversions

## Conversions Part 2

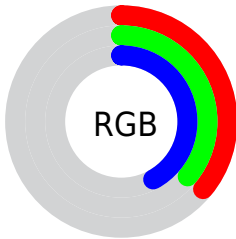
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 92, 106
Decimal	5987434
CIE <sub>Lab</sub>	39.44, 2.77, -8.11
CIE <sub>LCh</sub>	39, 8.565, 288.855
Yxy	10.9190, 0.2916, 0.2964
Android (android.graphics.Color)	4284177514 (0xFF5B5C6A)
<b>YUV</b>	93.2970, 6.2626, -2.0145
Hunter-Lab	33.0440, 0.2058, -4.1010

# Details

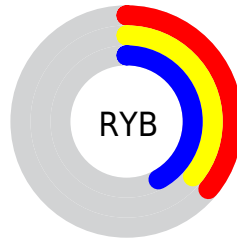
The Hex color **5B5C6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A695B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8D8E9D**, and **2D2E3B** is the 20% darker color. If you saturate the color by 10%, you get **50526A**, and if you desaturate by 10%, it is **66666A**.

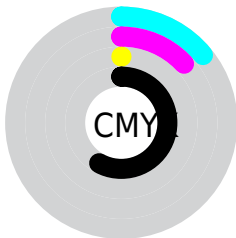
# Distribution



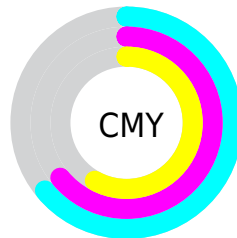
- Red (36%)
- Green (36%)
- Blue (42%)



- Red (36%)
- Yellow (36%)
- Blue (42%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (64%)
- Yellow (58%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5C6A 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 5B5C6A by changing the saturation by 10% instead.



■ 5B5C6A

■ 5B5C6A

FFFFFF

■ 434552

■ 8D8E9D

■ 2D2E3B

■ A8A9B8

■ 181A25

■ C3C4D4

■ 000010

■ DFE0F0

■ 000000

■ FBFCFF

■ 5B5C6A

■ 5B5C6A

■ 50526A

■ 66666A

■ 46486A

■ 70706A

■ 3B3E6A

■ 7B7A6A

■ 31346A

■ 85846A

■ 262B6A

■ 908D6A

■ 1B216A

■ 9B976A

■ 11176A

■ A5A16A

■ 060D6A

■ B0AB6A

■ 00076A

■ BAB56A

# Harmonies

## Analogous

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



525E6A



5B5C6A



635A66

# Triad

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



5B5C6A



6A5953



4F615A

# Complementary

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



5B5C6A



6A695B

# 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.



566054



5B5C6A



655C4F

# Square

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



5B5C6A



6C5859



5E5E50



4B6161

# Rectangle

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



5B5C6A



685962



5E5E50



516158



# Sweetspot

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



5B5C6A



84858A



5B6A69



414245



C4C4C4



454545



# Same Dimension

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



5B5C6A



72748A



625B6A



303136



000875



0010F5



# Inverse Universe

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



6A5B5C



8A7274



646A5B



363031



750008



F50010



# Previews

## White Background



This preview shows how the Hex color 5B5C6A looks on a white background.

## Color Contrast Check

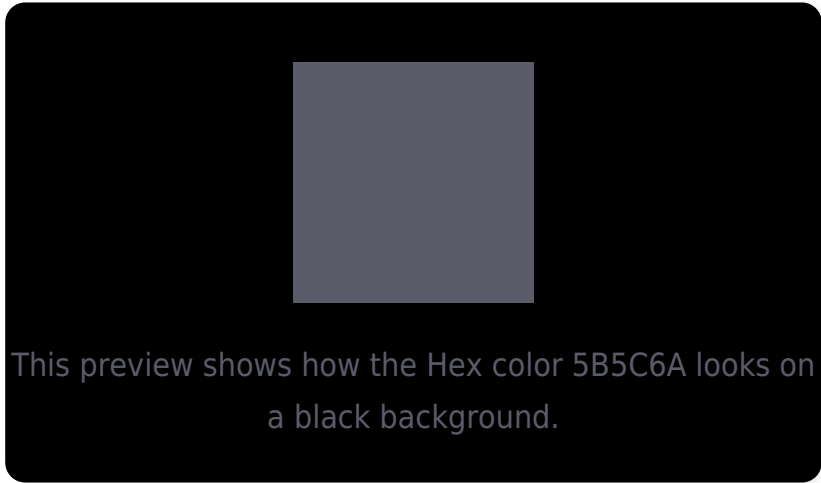
Large Text (above 18pt) WCAG AA ✓ Pass

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

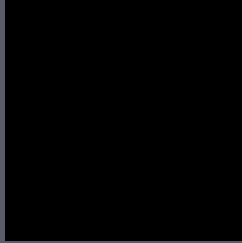
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

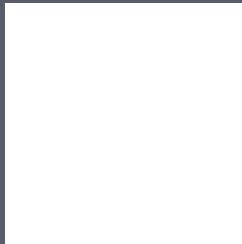
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B5C6A Background



This preview shows how black text looks on a background with the Hex color 5B5C6A.



This preview shows how white text looks on a background with the Hex color 5B5C6A.

# 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**  
5B5C6A

**Protanopia**  
5B5C6A

**Deuteranopia**  
605B6A



**Tritanopia**  
5A5D64

# Trichromacy



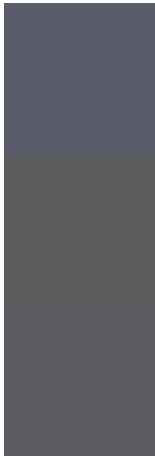
**Original Color**  
5B5C6A

**Protanomaly**  
5B5C6A

**Deuteranomaly**  
5E5B6A

**Tritanomaly**  
5A5D66

# Monochromacy



**Original Color**  
5B5C6A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5C5D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5C6A 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 #5B5C6A looks like.

```
.text, #text, p{  
    color:#5B5C6A  
}
```

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 #5B5C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5C6A
}
```

## Border

The CSS property to change the border of an element to Hex 5B5C6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

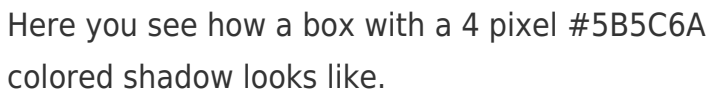
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5C6A }
```

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

```
.border{ border-color:#5B5C6A }
```

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



Here you see how a box with a 4 pixel #5B5C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5C6A; -webkit-box-shadow:4px 4px  
4px 4px #5B5C6A; box-shadow:4px 4px 4px  
4px #5B5C6A }
```

# Background

The CSS property to change the background color of an element to Hex 5B5C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5C6A }
```

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

```
.background{ background-color:#5B5C6A }
```

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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