

# Converting Colors

Hex(5B6168)

Have a look what the booklet for  
Hex(5B6168) contains.

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# Color

**Hex(5B6168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6168
RGB	91, 97, 104
RGB Percent	36%, 38%, 41%
CMY	0.6431, 0.6196, 0.5922
CMYK	0.12, 0.07, 0.00, 0.59
HSL	212°, 7%, 38%
HSV	212°, 12%, 41%
XYZ	11.0878, 11.7730, 14.7847
YIQ	96.0040, -5.8230, 0.9050

# Conversions

## Conversions Part 2

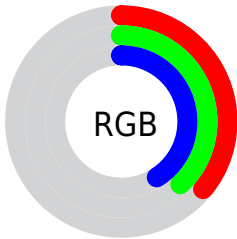
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 95, 104
Decimal	5988712
CIE <sub>Lab</sub>	40.85, -0.75, -4.77
CIE <sub>LCh</sub>	41, 4.833, 261.099
Yxy	11.7730, 0.2945, 0.3127
Android (android.graphics.Color)	4284178792 (0xFF5B6168)
YUV	96.0040, 3.9420, -4.3885
Hunter-Lab	34.3118, -2.3639, -1.5294

# Details

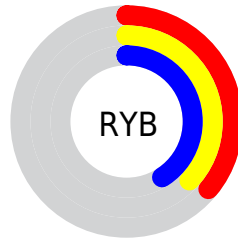
The Hex color **5B6168** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68625B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D949B**, and **2D3339** is the 20% darker color. If you saturate the color by 10%, you get **515B68**, and if you desaturate by 10%, it is **656768**.

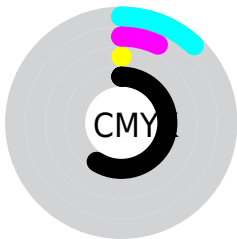
# Distribution



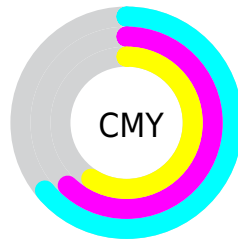
- Red (36%)
- Green (38%)
- Blue (41%)



- Red (36%)
- Yellow (37%)
- Blue (41%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (64%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6168 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 5B6168 by changing the saturation by 10% instead.





5B6168



5B6168

FFFFFF



434950



8D949B



2D3339



A8AEB6



181E24



C3C9D1



00040E



DFE6EE



000000



FBFFFF



5B6168



5B6168



515B68



656768



465668



706C68

■ 3C5068

■ 7A7268

■ 314B68

■ 857768

■ 274568

■ 8F7D68

■ 1D3F68

■ 998368

■ 123A68

■ A48868

■ 083468

■ AE8E68

■ 003068

■ B99368

# Harmonies

## Analogous

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



586266



5B6168



606068

# Triad

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



5B6168



695E5E



5C625B

# Complementary

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



5B6168



68625B

# 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.



616159



5B6168



685E5A

# Square

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



5B6168



685E62



656059



58635F

# Rectangle

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



5B6168



635F66



656059



5D625A



# Sweetspot

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



5B6168



828487



5B6862



414345



C4C4C4



454545



# Same Dimension

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



5B6168



737C87



5B5B68



2E3033



003573



0070F2



# Inverse Universe

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



685B61



87737C



68685B



332E30



730035

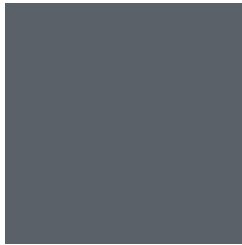


F20070



# Previews

## White Background



This preview shows how the Hex color 5B6168 looks on a white background.

## Color Contrast Check

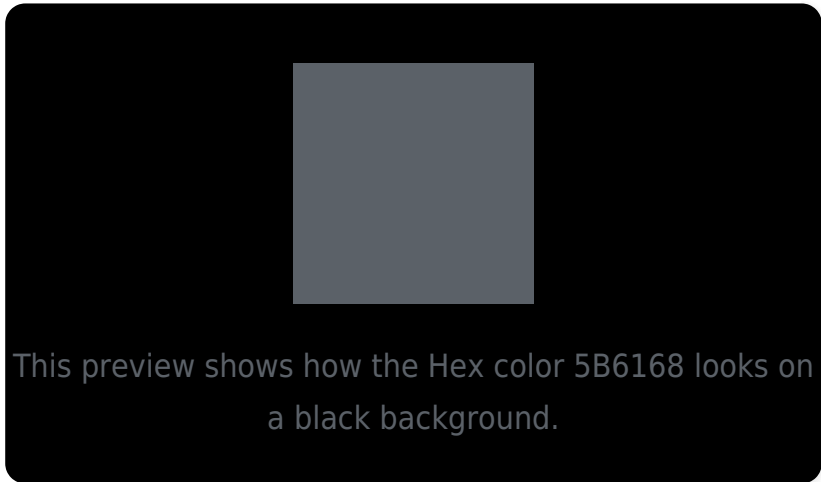
Large Text (above 18pt) WCAG AA ✓ Pass

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

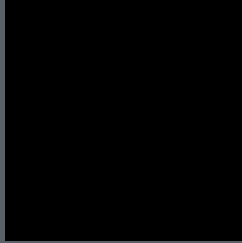
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

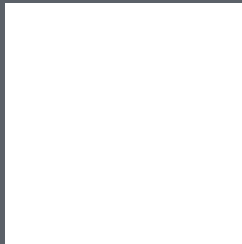
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B6168 Background



This preview shows how black text looks on a background with the Hex color 5B6168.

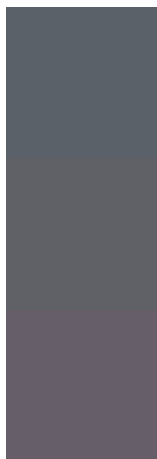


This preview shows how white text looks on a background with the Hex color 5B6168.

# 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**

5B6168

**Protanopia**

606067

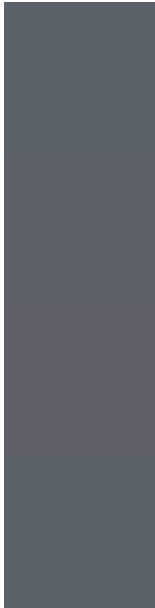
**Deuteranopia**

665E69



**Tritanopia**  
5B6169

# Trichromacy



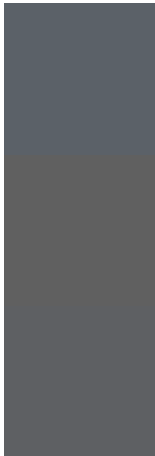
**Original Color**  
5B6168

**Protanomaly**  
5E6067

**Deuteranomaly**  
625F69

**Tritanomaly**  
5B6169

# Monochromacy



**Original Color**  
5B6168

**Achromatopsia**  
606060

**Achromatomaly**  
5E6063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6168 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 #5B6168 looks like.

```
.text, #text, p{  
    color:#5B6168  
}
```

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 #5B6168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6168  
}
```

## Border

The CSS property to change the border of an element to Hex 5B6168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

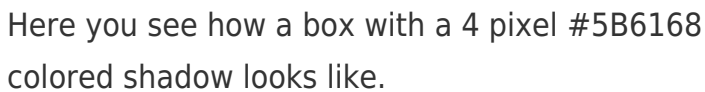
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B6168 }
```

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

```
.border{ border-color:#5B6168 }
```

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



Here you see how a box with a 4 pixel #5B6168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6168; -webkit-box-shadow:4px 4px  
4px 4px #5B6168; box-shadow:4px 4px 4px  
4px #5B6168 }
```

# Background

The CSS property to change the background color of an element to Hex 5B6168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6168 }
```

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

```
.background{ background-color:#5B6168 }
```

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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