

Converting Colors

Hex(5B6E6E)

Have a look what the booklet for
Hex(5B6E6E) contains.

Hex(5B6E6E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B6E6E)

Conversions

Conversions Part 1

Format	Color
Hex	5B6E6E
RGB	91, 110, 110
RGB Percent	36%, 43%, 43%
CMY	0.6431, 0.5686, 0.5686
CMYK	0.17, 0.00, 0.00, 0.57
HSL	180°, 9%, 39%
HSV	180°, 17%, 43%
XYZ	12.7048, 14.5018, 16.8814
YIQ	104.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

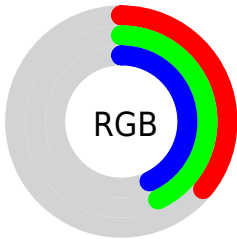
Format	Color
R_{YB}	91, 101, 110
Decimal	5992046
CIE Lab	44.94, -7.04, -2.37
CIE LCh	45, 7.427, 198.585
Yxy	14.5018, 0.2882, 0.3289
Android (android.graphics.Color)	4284182126 (0xFF5B6E6E)
YUV	104.3190, 2.8007, -11.6808
Hunter-Lab	38.0812, -7.0904, 0.3737

Details

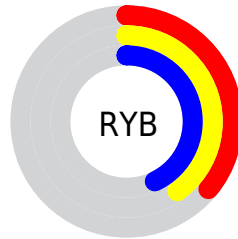
The Hex color **5B6E6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5B5B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8DA2A2**, and **2D3E3F** is the 20% darker color. If you saturate the color by 10%, you get **506E6E**, and if you desaturate by 10%, it is **666E6E**.

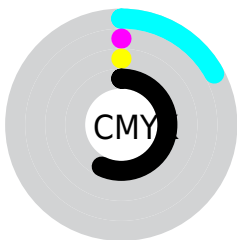
Distribution



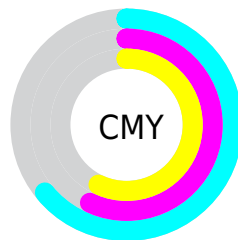
- Red (36%)
- Green (43%)
- Blue (43%)



- Red (36%)
- Yellow (40%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6E6E 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 5B6E6E by changing the saturation by 10% instead.



5B6E6E



5B6E6E

FFFFFF



435656



8DA2A2



2D3E3F



A8BDBD



172929



C3D8D8



001414



DFF5F5



000000



FCFFFF



5B6E6E



5B6E6E



506E6E



666E6E



456E6E



716E6E

■ 3A6E6E

■ 7C6E6E

■ 2F6E6E

■ 876E6E

■ 246E6E

■ 926E6E

■ 196E6E

■ 9D6E6E

■ 0E6E6E

■ A86E6E

■ 036E6E

■ B36E6E

■ 006E6E

■ BE6E6E

Harmonies

Analogous

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



5E6E68



5B6E6E



5C6D73

Triad

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



5B6E6E



706873



72695E

Complementary

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



5B6E6E



6E5B5B

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.



766761



5B6E6E



76666D

Square

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



5B6E6E



696A76



786667



6B6B5F

Rectangle

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



5B6E6E



5F6C76



786667



74685F

Sweetspot

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



5B6E6E



888F8F



5B6E5B



434747



C7C7C7



474747

Same Dimension

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



5B6E6E



718F8F



5B656E



323838



007878



00F7F7

Inverse Universe

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



6E5B6E



8F718F



6E655B



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 5B6E6E looks on a white background.

Color Contrast Check

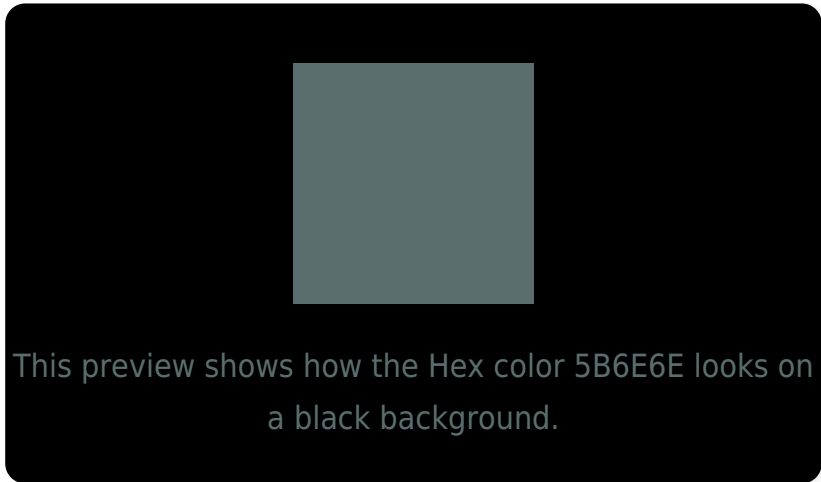
Large Text (above 18pt) WCAG AA ✓ Pass

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

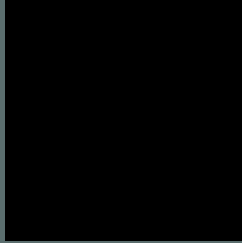
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

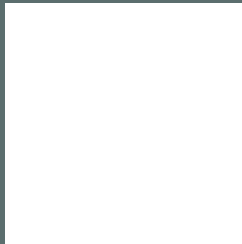
Any Text WCAG AAA × Fail

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

Hex 5B6E6E Background



This preview shows how black text looks on a background with the Hex color 5B6E6E.



This preview shows how white text looks on a background with the Hex color 5B6E6E.

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](#).

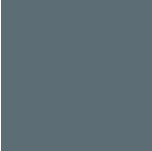
Dichromacy



Original Color
5B6E6E

Protanopia
6C6A6B

Deuteranopia
72676F



Tritanopia
5C6D76

Trichromacy



Original Color
5B6E6E

Protanomaly
666B6C

Deuteranomaly
6A6A6F

Tritanomaly
5C6D73

Monochromacy



Original Color
5B6E6E

Achromatopsia
686868

Achromatomaly
636A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6E6E 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 #5B6E6E looks like.

```
.text, #text, p{  
    color:#5B6E6E  
}
```

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 #5B6E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6E6E
}
```

Border

The CSS property to change the border of an element to Hex 5B6E6E 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
#5B6E6E }
```

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

```
.border{ border-color:#5B6E6E }
```

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

Here you see how a box with a 4 pixel #5B6E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6E6E; -webkit-box-shadow:4px 4px  
4px 4px #5B6E6E; box-shadow:4px 4px 4px  
4px #5B6E6E }
```

Background

The CSS property to change the background color of an element to Hex 5B6E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6E6E }
```

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

```
.background{ background-color:#5B6E6E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor