

Converting Colors

Hex(5B6A78)

Have a look what the booklet for
Hex(5B6A78) contains.

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Color

Hex(5B6A78)

Conversions

Conversions Part 1

Format	Color
Hex	5B6A78
RGB	91, 106, 120
RGB Percent	36%, 42%, 47%
CMY	0.6431, 0.5843, 0.5294
CMYK	0.24, 0.12, 0.00, 0.53
HSL	209°, 14%, 41%
HSV	209°, 24%, 47%
XYZ	12.8586, 13.8883, 19.7723
YIQ	103.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

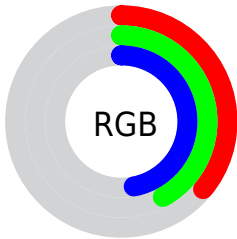
Format	Color
R_{YB}	91, 101, 120
Decimal	5991032
CIE _{Lab}	44.07, -2.25, -9.68
CIE _{LCh}	44, 9.942, 256.894
Yxy	13.8883, 0.2764, 0.2985
Android (android.graphics.Color)	4284181112 (0xFF5B6A78)
YUV	103.1110, 8.3263, -10.6213
Hunter-Lab	37.2670, -3.6277, -5.3699

Details

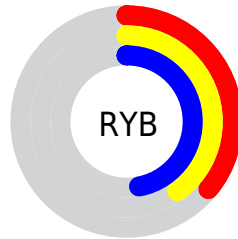
The Hex color **5B6A78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78695B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8E9DAC**, and **2C3B48** is the 20% darker color. If you saturate the color by 10%, you get **4F6478**, and if you desaturate by 10%, it is **677078**.

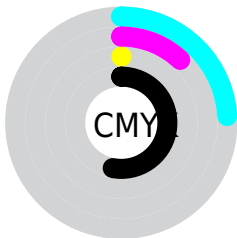
Distribution



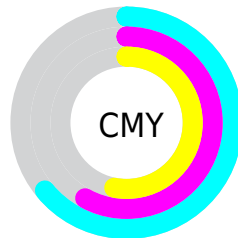
- Red (36%)
- Green (42%)
- Blue (47%)



- Red (36%)
- Yellow (40%)
- Blue (47%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6A78 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 5B6A78 by changing the saturation by 10% instead.



5B6A78



5B6A78

FFFFFF



43525F



8E9DAC



2C3B48



A8B8C8



172531



C4D4E4



00101C



E0F0FF



000000



FCFFFF



5B6A78



5B6A78



4F6478



677078



435E78



737678

■ 375978

■ 7F7B78

■ 2B5378

■ 8B8178

■ 1F4D78

■ 978778

■ 134778

■ A38D78

■ 074178

■ AF9378

■ 003E78

■ BB9878

■ C79E78

Harmonies

Analogous

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



546C74



5B6A78



656778

Triad

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



5B6A78



7A6364



606B5D

Complementary

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



5B6A78



78695B

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.



6A6958



5B6A78



78645C

Square

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



5B6A78



77636C



726658



586D64

Rectangle

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



5B6A78



6C6575



726658



636B5B

Sweetspot

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



5B6A78



91969C



5B7869



494C4F



CFCFCF



4F4F4F

Same Dimension

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



5B6A78



6E869C



5B5C78



373A3D



00417D



0083FC

Inverse Universe

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



785B6A



9C6E86



78775B



3D373A



7D0041



FC0083

Previews

White Background



This preview shows how the Hex color 5B6A78 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

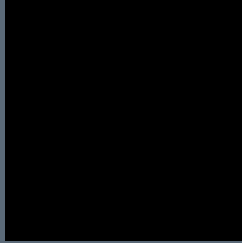
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

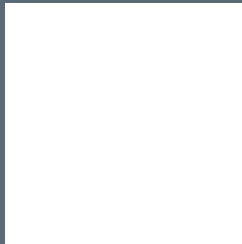
Any Text WCAG AAA × Fail

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

Hex 5B6A78 Background



This preview shows how black text looks on a background with the Hex color 5B6A78.

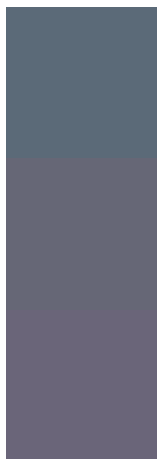


This preview shows how white text looks on a background with the Hex color 5B6A78.

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](#).

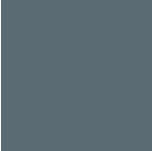
Dichromacy



Original Color
5B6A78

Protanopia
666776

Deuteranopia
6A6579



Tritanopia
5A6B73

Trichromacy



Original Color
5B6A78

Protanomaly
626877

Deuteranomaly
656779

Tritanomaly
5A6B75

Monochromacy



Original Color
5B6A78

Achromatopsia
676767

Achromatomaly
63686D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6A78 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 #5B6A78 looks like.

```
.text, #text, p{  
    color:#5B6A78  
}
```

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 #5B6A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6A78
}
```

Border

The CSS property to change the border of an element to Hex 5B6A78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

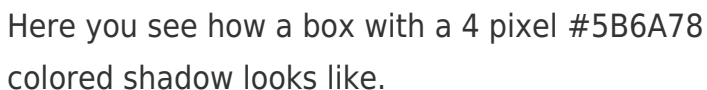
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6A78 }
```

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

```
.border{ border-color:#5B6A78 }
```

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



Here you see how a box with a 4 pixel #5B6A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6A78; -webkit-box-shadow:4px 4px  
4px 4px #5B6A78; box-shadow:4px 4px 4px  
4px #5B6A78 }
```

Background

The CSS property to change the background color of an element to Hex 5B6A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6A78 }
```

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

```
.background{ background-color:#5B6A78 }
```

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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