

Converting Colors

Hex(5B6D76)

Have a look what the booklet for
Hex(5B6D76) contains.

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Color

Hex(5B6D76)

Conversions

Conversions Part 1

Format	Color
Hex	5B6D76
RGB	91, 109, 118
RGB Percent	36%, 43%, 46%
CMY	0.6431, 0.5725, 0.5373
CMYK	0.23, 0.08, 0.00, 0.54
HSL	200°, 13%, 41%
HSV	200°, 23%, 46%
XYZ	13.0530, 14.4694, 19.2445
YIQ	104.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

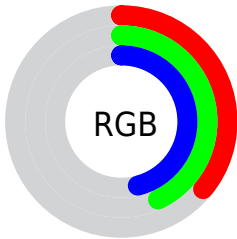
Format	Color
R_{YB}	91, 102, 118
Decimal	5991798
CIE _{Lab}	44.90, -4.53, -7.24
CIE _{LCh}	45, 8.541, 237.974
Yxy	14.4694, 0.2791, 0.3094
Android (android.graphics.Color)	4284181878 (0xFF5B6D76)
YUV	104.6440, 6.5845, -11.9658
Hunter-Lab	38.0387, -5.3152, -3.3688

Details

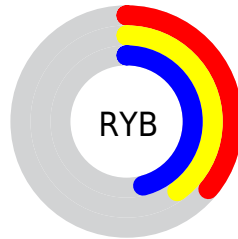
The Hex color **5B6D76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76645B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8EA0AA**, and **2C3E46** is the 20% darker color. If you saturate the color by 10%, you get **4F6976**, and if you desaturate by 10%, it is **677176**.

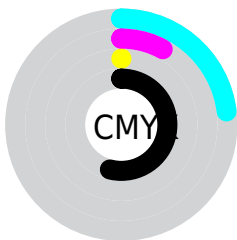
Distribution



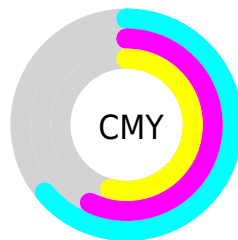
- Red (36%)
- Green (43%)
- Blue (46%)



- Red (36%)
- Yellow (40%)
- Blue (46%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6D76 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 5B6D76 by changing the saturation by 10% instead.

■ 5B6D76

■ 5B6D76

FFFFFF

■ 43555D

■ 8EA0AA

■ 2C3E46

■ A8BBC5

■ 17282F

■ C4D7E1

■ 00131B

■ E0F4FE

■ 000000

■ FCFFFF

■ 5B6D76

■ 5B6D76

■ 4F6976

■ 677176

■ 436576

■ 737576

■ 386176

■ 7E7976

■ 2C5D76

■ 8A7D76

■ 205976

■ 968176

■ 145576

■ A28576

■ 085176

■ AE8976

■ 004F76

■ B98C76

■ C59076

Harmonies

Analogous

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



586E71



5B6D76



626B78

Triad

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



5B6D76



78656B



696C5E

Complementary

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



5B6D76



76645B

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.



716A5C



5B6D76



796664

Square

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



5B6D76



736772



77675E



616E62

Rectangle

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



5B6D76



686978



77675E



6B6B5D

Sweetspot

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



5B6D76



8E9599



5B7664



464A4D



CCCCCC



4D4D4D

Same Dimension

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



5B6D76



708B99



5B6076



35393B



00527A



00A7FA

Inverse Universe

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



765B6D



99708B



76725B



3B3539



7A0052



FA00A7

Previews

White Background



This preview shows how the Hex color 5B6D76 looks on a white background.

Color Contrast Check

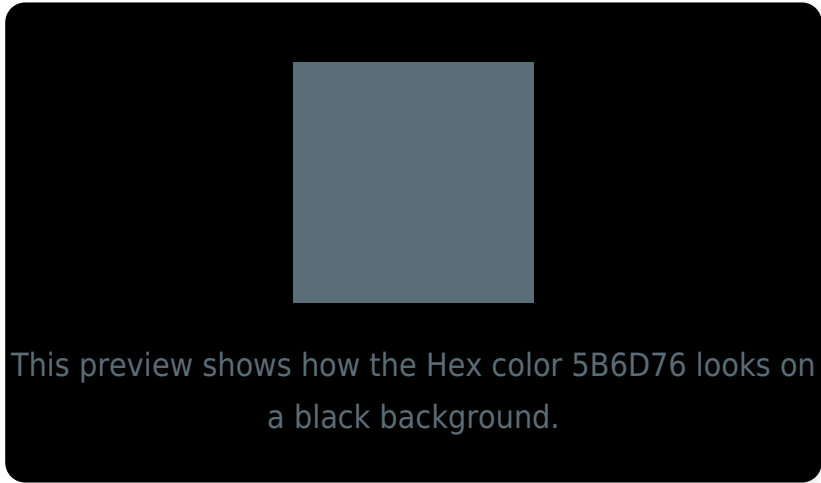
Large Text (above 18pt) WCAG AA ✓ Pass

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

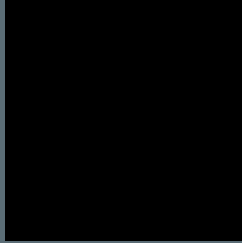
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

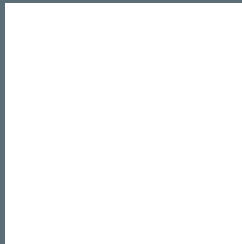
Any Text WCAG AAA × Fail

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

Hex 5B6D76 Background



This preview shows how black text looks on a background with the Hex color 5B6D76.



This preview shows how white text looks on a background with the Hex color 5B6D76.

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
5B6D76

Protanopia
696974

Deuteranopia
6E6777



Tritanopia
5B6D76

Trichromacy



Original Color
5B6D76

Protanomaly
646A75

Deuteranomaly
676977

Tritanomaly
5B6D76

Monochromacy



Original Color
5B6D76

Achromatopsia
696969

Achromatomaly
646A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6D76 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 #5B6D76 looks like.

```
.text, #text, p{  
    color:#5B6D76  
}
```

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 #5B6D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6D76
}
```

Border

The CSS property to change the border of an element to Hex 5B6D76 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
#5B6D76 }
```

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

```
.border{ border-color:#5B6D76 }
```

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

Here you see how a box with a 4 pixel #5B6D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6D76; -webkit-box-shadow:4px 4px  
4px 4px #5B6D76; box-shadow:4px 4px 4px  
4px #5B6D76 }
```

Background

The CSS property to change the background color of an element to Hex 5B6D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6D76 }
```

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

```
.background{ background-color:#5B6D76 }
```

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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