

Converting Colors

Hex(5B6A69)

Have a look what the booklet for
Hex(5B6A69) contains.

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Color

Hex(5B6A69)

Conversions

Conversions Part 1

Format	Color
Hex	5B6A69
RGB	91, 106, 105
RGB Percent	36%, 42%, 41%
CMY	0.6431, 0.5843, 0.5882
CMYK	0.14, 0.00, 0.01, 0.58
HSL	176°, 8%, 39%
HSV	176°, 14%, 42%
XYZ	12.0182, 13.5521, 15.3470
YIQ	101.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

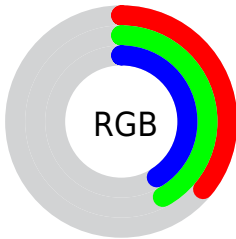
Format	Color
R_{YB}	91, 99, 106
Decimal	5991017
CIE _{Lab}	43.58, -5.87, -1.35
CIE _{LCh}	44, 6.021, 192.993
Yxy	13.5521, 0.2937, 0.3312
Android (android.graphics.Color)	4284181097 (0xFF5B6A69)
YUV	101.4010, 1.7743, -9.1217
Hunter-Lab	36.8132, -6.1492, 1.0520

Details

The Hex color **5B6A69** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5B5C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8D9D9C**, and **2D3B3A** is the 20% darker color. If you saturate the color by 10%, you get **506A68**, and if you desaturate by 10%, it is **666A6A**.

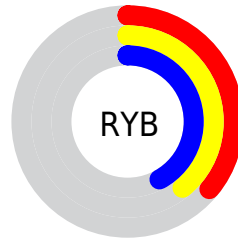
Distribution



Red (36%)

Green (42%)

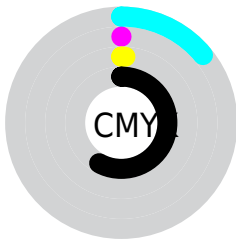
Blue (41%)



Red (36%)

Yellow (39%)

Blue (42%)

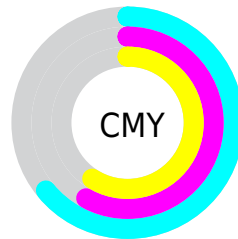


Cyan (14%)

Magenta (0%)

Yellow (1%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6A69 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 5B6A69 by changing the saturation by 10% instead.



5B6A69



5B6A69

FFFFFF



435251



8D9D9C



2D3B3A



A8B8B7



182524



C3D4D3



00110F



DFF0EF



000000



FCFFFF



5B6A69



5B6A69



506A68



666A6A



466A68



706A6A

■ 3B6A67

■ 7B6A6B

■ 316A66

■ 856A6C

■ 266A65

■ 906A6D

■ 1B6A65

■ 9B6A6D

■ 116A64

■ A56A6E

■ 066A63

■ B06A6F

■ 006A63

■ BA6A6F

Harmonies

Analogous

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



5E6A64



5B6A69



5B696E

Triad

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



5B6A69



6B656E



6E665E

Complementary

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



5B6A69



6A5B5C

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.



716460



5B6A69



6F646A

Square

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



5B6A69



656771



726465



69675D

Rectangle

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



5B6A69



5D6970



726465



6F655E

Sweetspot

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



5B6A69



848A89



5C6A5B



414545



C4C4C4



454545

Same Dimension

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



5B6A69



728A88



5B646A



303635



00756D



00F5E4

Inverse Universe

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



6A5B5C



8A7274



6A625B



363031



750008



F50010

Previews

White Background



This preview shows how the Hex color 5B6A69 looks on a white background.

Color Contrast Check

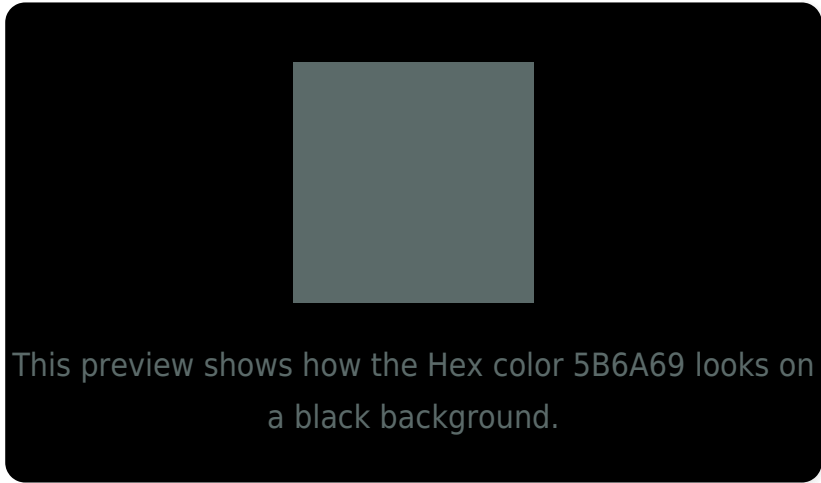
Large Text (above 18pt) WCAG AA ✓ Pass

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

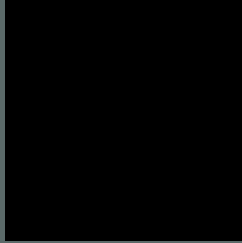
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

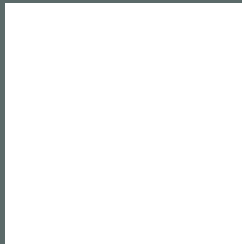
Any Text WCAG AAA × Fail

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

Hex 5B6A69 Background



This preview shows how black text looks on a background with the Hex color 5B6A69.



This preview shows how white text looks on a background with the Hex color 5B6A69.

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](#).

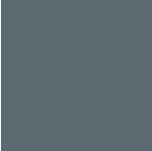
Dichromacy



Original Color
5B6A69

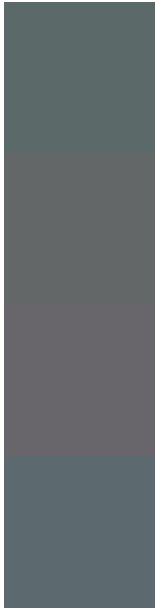
Protanopia
696667

Deuteranopia
6F646A



Tritanopia
5C6971

Trichromacy



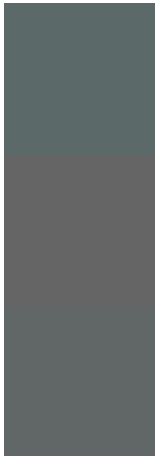
Original Color
5B6A69

Protanomaly
646768

Deuteranomaly
68666A

Tritanomaly
5C696E

Monochromacy



Original Color
5B6A69

Achromatopsia
656565

Achromatomaly
616766

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6A69 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 #5B6A69 looks like.

```
.text, #text, p{  
    color:#5B6A69  
}
```

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 #5B6A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6A69
}
```

Border

The CSS property to change the border of an element to Hex 5B6A69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

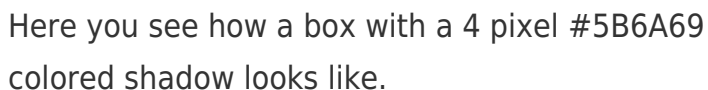
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6A69 }
```

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

```
.border{ border-color:#5B6A69 }
```

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



Here you see how a box with a 4 pixel #5B6A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6A69; -webkit-box-shadow:4px 4px  
4px 4px #5B6A69; box-shadow:4px 4px 4px  
4px #5B6A69 }
```

Background

The CSS property to change the background color of an element to Hex 5B6A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6A69 }
```

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

```
.background{ background-color:#5B6A69 }
```

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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