

Converting Colors

Hex(5A6068)

Have a look what the booklet for
Hex(5A6068) contains.

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Color

Hex(5A6068)

Conversions

Conversions Part 1

Format	Color
Hex	5A6068
RGB	90, 96, 104
RGB Percent	35%, 38%, 41%
CMY	0.6471, 0.6235, 0.5922
CMYK	0.13, 0.08, 0.00, 0.59
HSL	214°, 7%, 38%
HSV	214°, 13%, 41%
XYZ	10.8980, 11.5389, 14.7495
YIQ	95.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

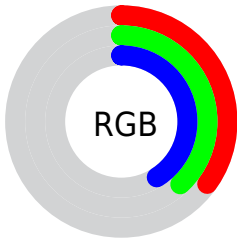
Format	Color
R_{YB}	90, 94, 104
Decimal	5922920
CIE Lab	40.47, -0.51, -5.35
CIE LCh	40, 5.372, 264.508
Yxy	11.5389, 0.2931, 0.3103
Android (android.graphics.Color)	4284113000 (0xFF5A6068)
YUV	95.1180, 4.3788, -4.4885
Hunter-Lab	33.9689, -2.1787, -1.9659

Details

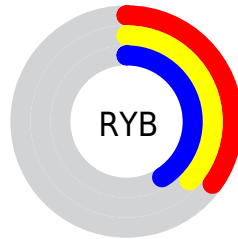
The Hex color **5A6068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68625A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8C929B**, and **2C3239** is the 20% darker color. If you saturate the color by 10%, you get **505A68**, and if you desaturate by 10%, it is **646668**.

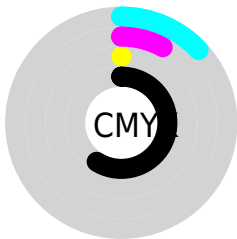
Distribution



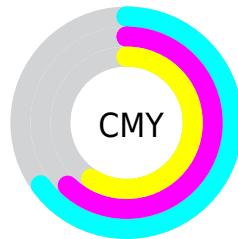
- Red (35%)
- Green (38%)
- Blue (41%)



- Red (35%)
- Yellow (37%)
- Blue (41%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6068 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 5A6068 by changing the saturation by 10% instead.



5A6068



5A6068

FFFFFF



434850



8C929B



2C3239



A7ADB6



181D24



C2C8D1



00030E



DEE4EE



000000



FAFFFF



5A6068



5A6068



505A68



646668



455468



6F6C68

■ 3B4E68

■ 797268

■ 304868

■ 847868

■ 264268

■ 8E7E68

■ 1C3C68

■ 988468

■ 113668

■ A38A68

■ 073068

■ AD9068

■ 002D68

■ B89568

Harmonies

Analogous

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



566166



5A6068



5F5F67

Triad

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



5A6068



695D5C



5A615A

Complementary

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



5A6068



68625A

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.



5F6057



5A6068



685D58

Square

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



5A6068



685D60



645F57



56625E

Rectangle

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



5A6068



635E66



645F57



5C6159

Sweetspot

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



5A6068



828487



5A6862



414345



C4C4C4



454545

Same Dimension

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



5A6068



727B87



5B5A68



2E3033



003173



0068F2

Inverse Universe

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



685A60



87727B



67685A



332E30



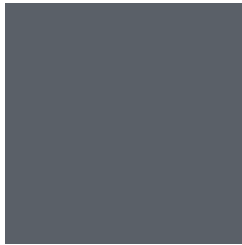
730031



F20068

Previews

White Background



This preview shows how the Hex color 5A6068 looks on a white background.

Color Contrast Check

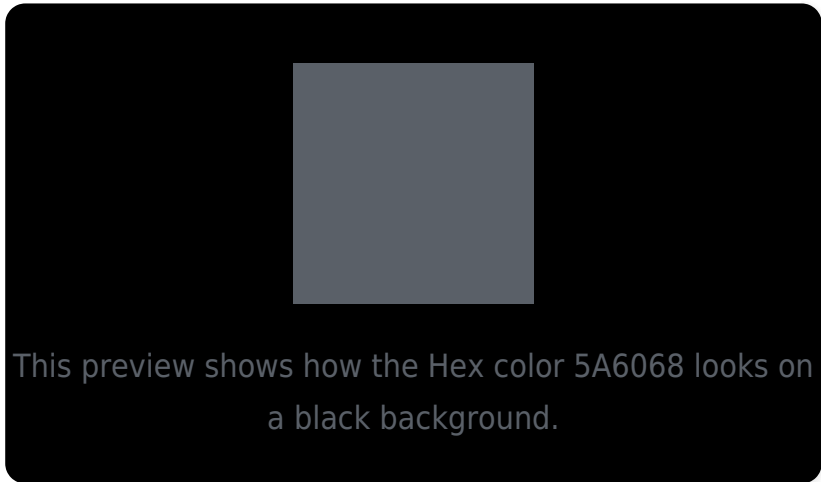
Large Text (above 18pt) WCAG AA ✓ Pass

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

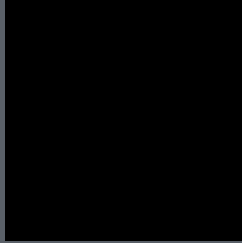
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

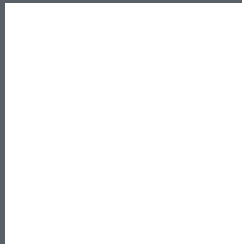
Any Text WCAG AAA × Fail

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

Hex 5A6068 Background



This preview shows how black text looks on a background with the Hex color 5A6068.



This preview shows how white text looks on a background with the Hex color 5A6068.

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
5A6068

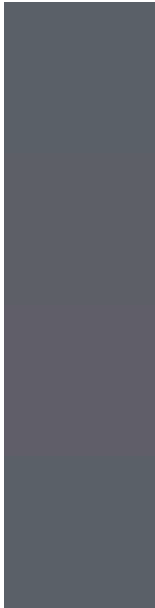
Protanopia
5F5F67

Deuteranopia
645D69



Tritanopia
5A6068

Trichromacy



Original Color

5A6068

Protanomaly

5D5F67

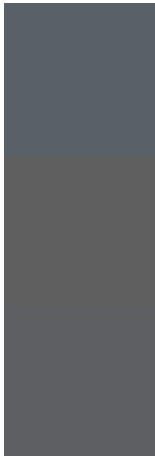
Deuteranomaly

605E69

Tritanomaly

5A6068

Monochromacy



Original Color

5A6068

Achromatopsia

5F5F5F

Achromatomaly

5D5F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6068 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 #5A6068 looks like.

```
.text, #text, p{  
    color:#5A6068  
}
```

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 #5A6068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6068
}
```

Border

The CSS property to change the border of an element to Hex 5A6068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

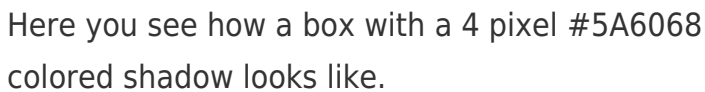
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6068 }
```

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

```
.border{ border-color:#5A6068 }
```

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



Here you see how a box with a 4 pixel #5A6068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6068; -webkit-box-shadow:4px 4px  
4px 4px #5A6068; box-shadow:4px 4px 4px  
4px #5A6068 }
```

Background

The CSS property to change the background color of an element to Hex 5A6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6068 }
```

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

```
.background{ background-color:#5A6068 }
```

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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