

Converting Colors

Hex(5A6B70)

Have a look what the booklet for
Hex(5A6B70) contains.

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Color

Hex(5A6B70)

Conversions

Conversions Part 1

Format	Color
Hex	5A6B70
RGB	90, 107, 112
RGB Percent	35%, 42%, 44%
CMY	0.6471, 0.5804, 0.5608
CMYK	0.20, 0.04, 0.00, 0.56
HSL	194°, 11%, 40%
HSV	194°, 20%, 44%
XYZ	12.3988, 13.8589, 17.3508
YIQ	102.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

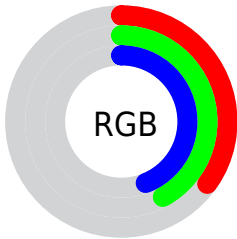
Format	Color
R_{YB}	90, 100, 112
Decimal	5925744
CIE Lab	44.03, -5.17, -4.93
CIE LCh	44, 7.143, 223.648
Yxy	13.8589, 0.2843, 0.3178
Android (android.graphics.Color)	4284115824 (0xFF5A6B70)
YUV	102.4870, 4.6899, -10.9511
Hunter-Lab	37.2275, -5.6981, -1.5742

Details

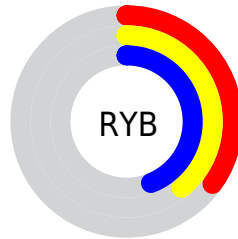
The Hex color **5A6B70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705F5A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8C9EA4**, and **2C3C40** is the 20% darker color. If you saturate the color by 10%, you get **4F6870**, and if you desaturate by 10%, it is **656E70**.

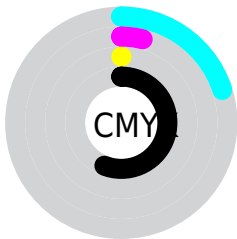
Distribution



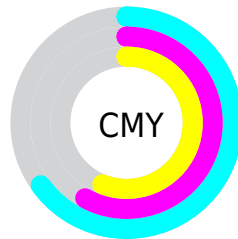
- Red (35%)
- Green (42%)
- Blue (44%)



- Red (35%)
- Yellow (39%)
- Blue (44%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6B70 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 5A6B70 by changing the saturation by 10% instead.

■ 5A6B70

■ 5A6B70

FFFFFF

■ 425358

■ 8C9EA4

■ 2C3C40

■ A7B9BF

■ 16262A

■ C2D5DB

■ 001216

■ DEF1F7

■ 000000

■ FBFFFF

■ 5A6B70

■ 5A6B70

■ 4F6870

■ 656E70

■ 446670

■ 707070

■ 386370

■ 7C7370

■ 2D6170

■ 877570

■ 225E70

■ 927870

■ 175C70

■ 9D7A70

■ 0C5970

■ A87D70

■ 005770

■ B47F70

■ BF8270

Harmonies

Analogous

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



5A6C6B



5A6B70



5E6A73

Triad

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



5A6B70



72646C



6A695D

Complementary

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



5A6B70



705F5A

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.



70675D



5A6B70



756466

Square

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



5A6B70



6D6671



746560



636A5F

Rectangle

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



5A6B70



636874



746560



6C685C

Sweetspot

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



5A6B70



898F91



5A705F



45494A



C9C9C9



4A4A4A

Same Dimension

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



5A6B70



6E8991



5A6070



323738



005D78



00BFF7

Inverse Universe

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



705A6B



916E89



706A5A



383237



78005D



F700BF

Previews

White Background



This preview shows how the Hex color 5A6B70 looks on a white background.

Color Contrast Check

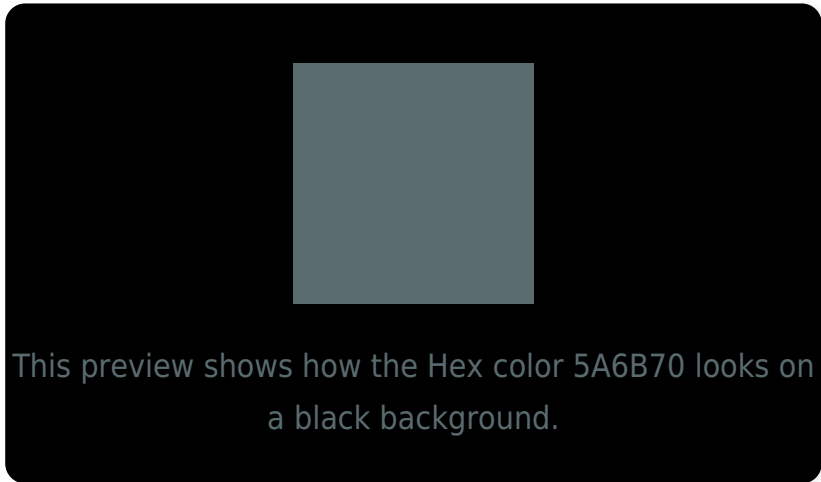
Large Text (above 18pt) WCAG AA ✓ Pass

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

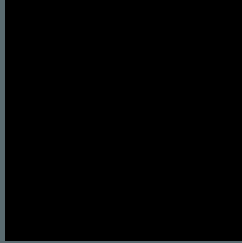
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

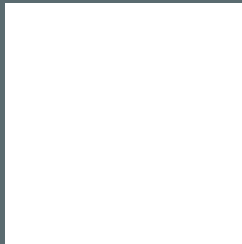
Any Text WCAG AAA × Fail

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

Hex 5A6B70 Background



This preview shows how black text looks on a background with the Hex color 5A6B70.



This preview shows how white text looks on a background with the Hex color 5A6B70.

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](#).

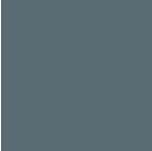
Dichromacy



Original Color
5A6B70

Protanopia
68676E

Deuteranopia
6E6571



Tritanopia
5B6B73

Trichromacy



Original Color
5A6B70

Protanomaly
63686F

Deuteranomaly
676771

Tritanomaly
5B6B72

Monochromacy



Original Color
5A6B70

Achromatopsia
666666

Achromatomaly
62686A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6B70 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 #5A6B70 looks like.

```
.text, #text, p{  
    color:#5A6B70  
}
```

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 #5A6B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6B70  
}
```

Border

The CSS property to change the border of an element to Hex 5A6B70 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  
#5A6B70 }
```

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

```
.border{ border-color:#5A6B70 }
```

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

Here you see how a box with a 4 pixel #5A6B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6B70; -webkit-box-shadow:4px 4px  
4px 4px #5A6B70; box-shadow:4px 4px 4px  
4px #5A6B70 }
```

Background

The CSS property to change the background color of an element to Hex 5A6B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6B70 }
```

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

```
.background{ background-color:#5A6B70 }
```

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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