

Converting Colors

Hex(5A6371)

Have a look what the booklet for
Hex(5A6371) contains.

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Color

Hex(5A6371)

Conversions

Conversions Part 1

Format	Color
Hex	5A6371
RGB	90, 99, 113
RGB Percent	35%, 39%, 44%
CMY	0.6471, 0.6118, 0.5569
CMYK	0.20, 0.12, 0.00, 0.56
HSL	217°, 11%, 40%
HSV	217°, 20%, 44%
XYZ	11.6589, 12.2896, 17.3804
YIQ	97.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

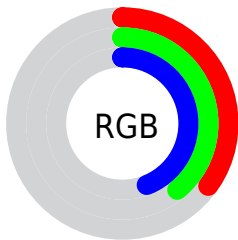
Format	Color
R_{YB}	90, 96, 113
Decimal	5923697
CIE Lab	41.67, -0.16, -9.06
CIE LCh	42, 9.057, 269.014
Yxy	12.2896, 0.2821, 0.2974
Android (android.graphics.Color)	4284113777 (0xFF5A6371)
YUV	97.9050, 7.4418, -6.9327
Hunter-Lab	35.0565, -1.9842, -4.8554

Details

The Hex color **5A6371** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71685A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8C96A5**, and **2C3541** is the 20% darker color. If you saturate the color by 10%, you get **4F5C71**, and if you desaturate by 10%, it is **656A71**.

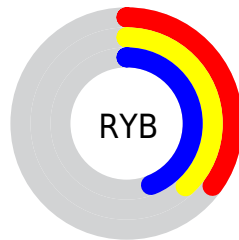
Distribution



Red (35%)

Green (39%)

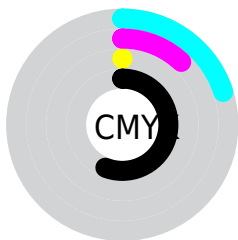
Blue (44%)



Red (35%)

Yellow (38%)

Blue (44%)

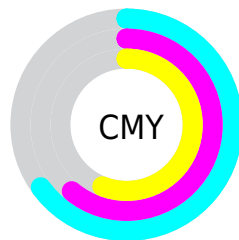


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (61%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6371 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 5A6371 by changing the saturation by 10% instead.

■ 5A6371

■ 5A6371

FFFFFF

■ 424B59

■ 8C96A5

■ 2C3541

■ A7B0C0

■ 171F2B

■ C2CCDC

■ 000717

■ DEE8F8

■ 000000

■ FBFFFF

■ 5A6371

■ 5A6371

■ 4F5C71

■ 656A71

■ 435571

■ 717171

■ 384E71

■ 7C7871

■ 2D4771

■ 877F71

■ 224171

■ 938571

■ 163A71

■ 9E8C71

■ 0B3371

■ A99371

■ 002C71

■ B49A71

■ C0A171

Harmonies

Analogous

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



52656F



5A6371



63606F

Triad

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



5A6371



725E5B



58665A

Complementary

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



5A6371



71685A

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.



606455



5A6371



6F5F56

Square

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



5A6371



715D63



696254



526762

Rectangle

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



5A6371



695F6C



696254



5B6558

Sweetspot

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



5A6371



8B8E94



5A7168



45474A



C9C9C9



4A4A4A

Same Dimension

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



5A6371



707E94



5C5A71



323538



002F78



0061F7

Inverse Universe

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



715A63



94707E



6F715A



383235



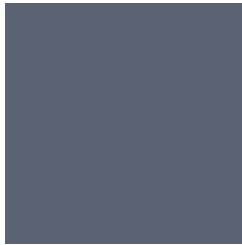
78002F



F70061

Previews

White Background



This preview shows how the Hex color 5A6371 looks on a white background.

Color Contrast Check

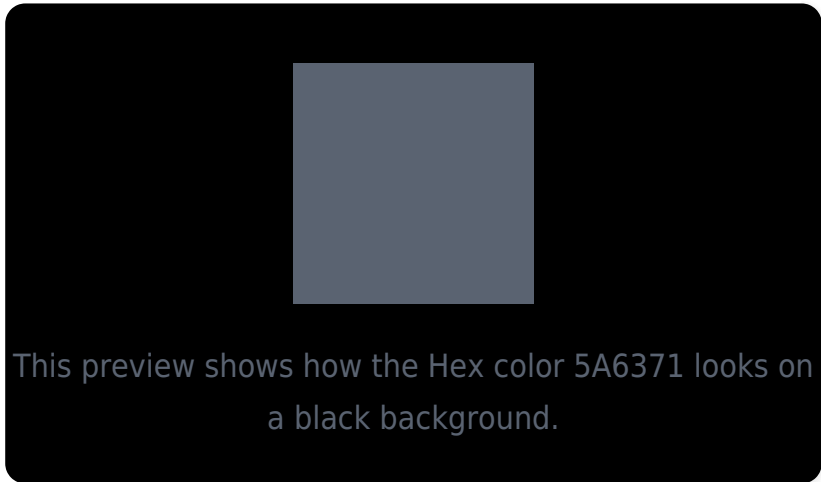
Large Text (above 18pt) WCAG AA ✓ Pass

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

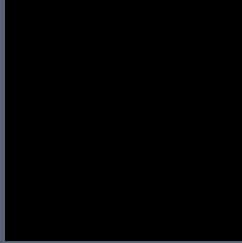
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

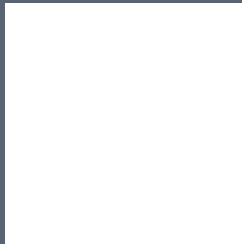
Any Text WCAG AAA × Fail

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

Hex 5A6371 Background



This preview shows how black text looks on a background with the Hex color 5A6371.

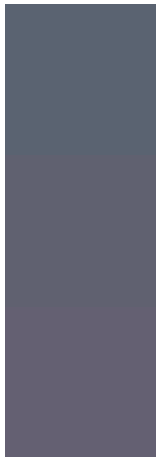


This preview shows how white text looks on a background with the Hex color 5A6371.

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](#).

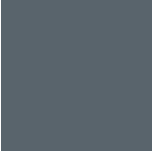
Dichromacy



Original Color
5A6371

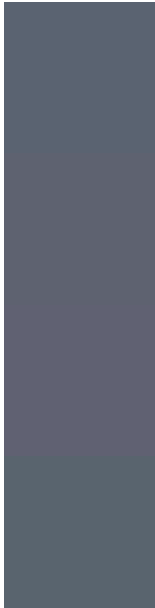
Protanopia
606170

Deuteranopia
646072



Tritanopia
59646C

Trichromacy



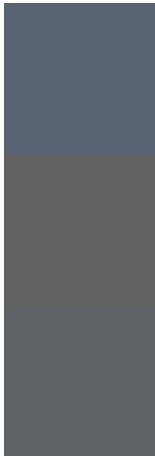
Original Color
5A6371

Protanomaly
5E6270

Deuteranomaly
606172

Tritanomaly
59646E

Monochromacy



Original Color
5A6371

Achromatopsia
626262

Achromatomaly
5F6267

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6371 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 #5A6371 looks like.

```
.text, #text, p{  
    color:#5A6371  
}
```

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 #5A6371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6371
}
```

Border

The CSS property to change the border of an element to Hex 5A6371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

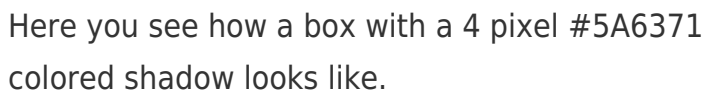
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6371 }
```

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

```
.border{ border-color:#5A6371 }
```

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



Here you see how a box with a 4 pixel #5A6371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6371; -webkit-box-shadow:4px 4px  
4px 4px #5A6371; box-shadow:4px 4px 4px  
4px #5A6371 }
```

Background

The CSS property to change the background color of an element to Hex 5A6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6371 }
```

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

```
.background{ background-color:#5A6371 }
```

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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