

Converting Colors

Hex(5A6A71)

Have a look what the booklet for
Hex(5A6A71) contains.

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Color

Hex(5A6A71)

Conversions

Conversions Part 1

Format	Color
Hex	5A6A71
RGB	90, 106, 113
RGB Percent	35%, 42%, 44%
CMY	0.6471, 0.5843, 0.5569
CMYK	0.20, 0.06, 0.00, 0.56
HSL	198°, 11%, 40%
HSV	198°, 20%, 44%
XYZ	12.3511, 13.6740, 17.6112
YIQ	102.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

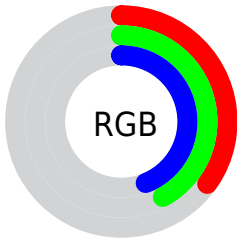
Format	Color
R_{YB}	90, 99, 113
Decimal	5925489
CIE _{Lab}	43.76, -4.34, -5.93
CIE _{LCh}	44, 7.349, 233.825
Yxy	13.6740, 0.2830, 0.3134
Android (android.graphics.Color)	4284115569 (0xFF5A6A71)
YUV	102.0140, 5.4161, -10.5363
Hunter-Lab	36.9783, -5.0914, -2.3524

Details

The Hex color **5A6A71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71615A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8C9DA5**, and **2C3B41** is the 20% darker color. If you saturate the color by 10%, you get **4F6771**, and if you desaturate by 10%, it is **656D71**.

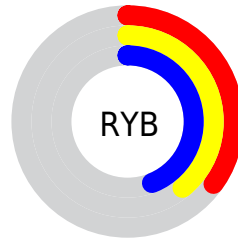
Distribution



Red (35%)

Green (42%)

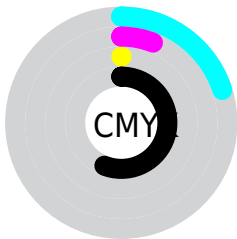
Blue (44%)



Red (35%)

Yellow (39%)

Blue (44%)

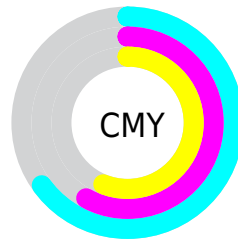


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6A71 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 5A6A71 by changing the saturation by 10% instead.



5A6A71



5A6A71

FFFFFF



425259



8C9DA5



2C3B41



A7B8C0



16252B



C2D4DC



001017



DEF0F8



000000



FBFFFF



5A6A71



5A6A71



4F6771



656D71



436371



717171

■ 386071

■ 7C7471

■ 2D5C71

■ 877871

■ 225971

■ 937B71

■ 165571

■ 9E7F71

■ 0B5271

■ A98271

■ 004F71

■ B48671

■ C08971

Harmonies

Analogous

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



586B6C



5A6A71



606873

Triad

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



5A6A71



736369



67695C

Complementary

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



5A6A71



71615A

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.



6E675B



5A6A71



756463

Square

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



5A6A71



6E646F



73655E



606A60

Rectangle

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



5A6A71



656773



73655E



69685C

Sweetspot

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



5A6A71



8B9194



5A7161



45484A



C9C9C9



4A4A4A

Same Dimension

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



5A6A71



708994



5A5F71



323638



005378



00ACF7

Inverse Universe

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



715A6A



947089



716C5A



383236



780053



F700AC

Previews

White Background



This preview shows how the Hex color 5A6A71 looks on a white background.

Color Contrast Check

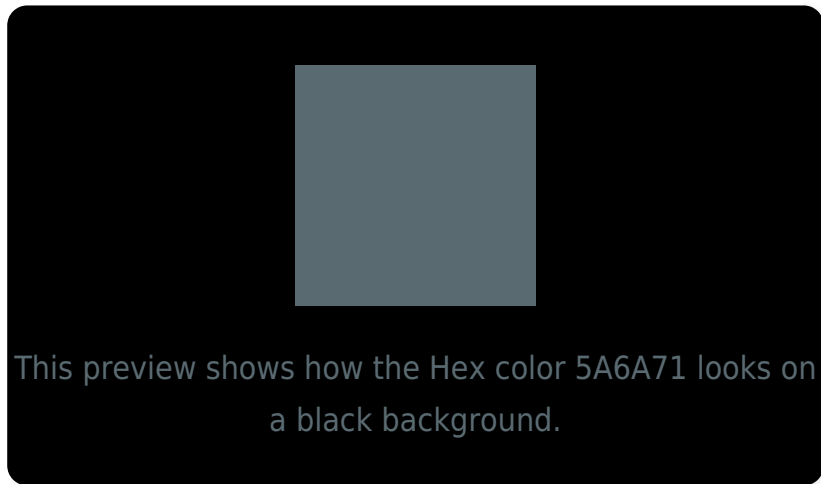
Large Text (above 18pt) WCAG AA ✓ Pass

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

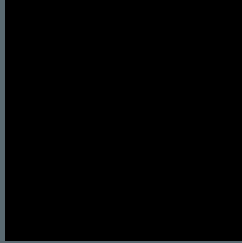
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

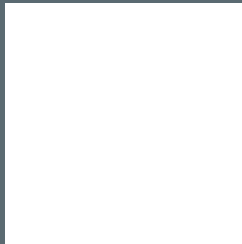
Any Text WCAG AAA × Fail

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

Hex 5A6A71 Background



This preview shows how black text looks on a background with the Hex color 5A6A71.



This preview shows how white text looks on a background with the Hex color 5A6A71.

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
5A6A71

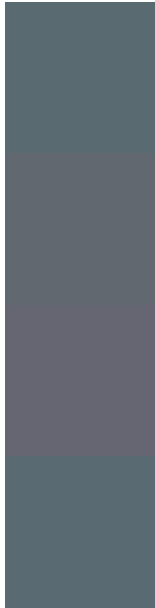
Protanopia
67676F

Deuteranopia
6C6472



Tritanopia
5A6A72

Trichromacy



Original Color

5A6A71

Protanomaly

626870

Deuteranomaly

656672

Tritanomaly

5A6A72

Monochromacy



Original Color

5A6A71

Achromatopsia

666666

Achromatomaly

62676A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6A71 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 #5A6A71 looks like.

```
.text, #text, p{  
    color:#5A6A71  
}
```

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 #5A6A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6A71
}
```

Border

The CSS property to change the border of an element to Hex 5A6A71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

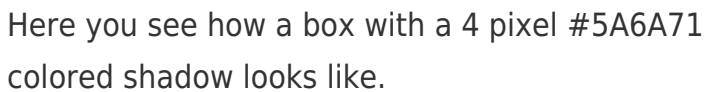
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6A71 }
```

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

```
.border{ border-color:#5A6A71 }
```

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



Here you see how a box with a 4 pixel #5A6A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6A71; -webkit-box-shadow:4px 4px  
4px 4px #5A6A71; box-shadow:4px 4px 4px  
4px #5A6A71 }
```

Background

The CSS property to change the background color of an element to Hex 5A6A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6A71 }
```

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

```
.background{ background-color:#5A6A71 }
```

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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