

Converting Colors

Hex(5C5B71)

Have a look what the booklet for
Hex(5C5B71) contains.

Hex(5C5B71)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C5B71)

Conversions

Conversions Part 1

Format	Color
Hex	5C5B71
RGB	92, 91, 113
RGB Percent	36%, 36%, 44%
CMY	0.6392, 0.6431, 0.5569
CMYK	0.19, 0.19, 0.00, 0.56
HSL	243°, 11%, 40%
HSV	243°, 19%, 44%
XYZ	11.1354, 10.9497, 17.1494
YIQ	93.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

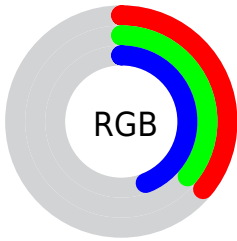
Format	Color
R_{YB}	92, 91, 113
Decimal	6052721
CIE _{Lab}	39.50, 5.45, -12.33
CIE _{LCh}	39, 13.479, 293.859
Yxy	10.9497, 0.2838, 0.2791
Android (android.graphics.Color)	4284242801 (0xFF5C5B71)
YUV	93.8070, 9.4621, -1.5847
Hunter-Lab	33.0904, 2.1594, -7.5643

Details

The Hex color **5C5B71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70715B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8E8DA5**, and **2E2D41** is the 20% darker color. If you saturate the color by 10%, you get **515071**, and if you desaturate by 10%, it is **676671**.

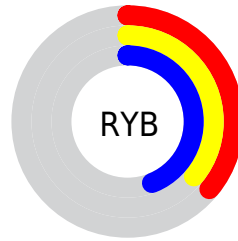
Distribution



Red (36%)

Green (36%)

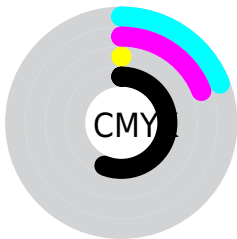
Blue (44%)



Red (36%)

Yellow (36%)

Blue (44%)

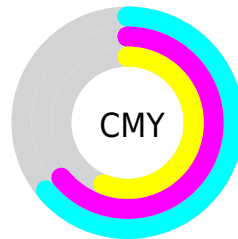


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (56%)



Cyan (64%)

Magenta (64%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C5B71 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 5C5B71 by changing the saturation by 10% instead.



5C5B71



5C5B71

FFFFFF



444459



8E8DA5



2E2D41



A9A7C0



18192B



C4C3DC



000017



E0DFF8



000000



FDFBFF



5C5B71



5C5B71



515071



676671



464471



727271

■ 3C3971

■ 7C7D71

■ 312E71

■ 878871

■ 262371

■ 929471

■ 1B1771

■ 9D9F71

■ 100C71

■ A8AA71

■ 060171

■ B2B571

■ 050071

■ BDC171

Harmonies

Analogous

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



4D5F73



5C5B71



69576A

Triad

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



5C5B71



70584C



44635A

Complementary

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



5C5B71



70715B

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.



4F6250



5C5B71



685C47

Square

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



5C5B71



745655



5C5F49



3F6365

Rectangle

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



5C5B71



6F5663



5C5F49



486357

Sweetspot

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



5C5B71



8B8B94



5B7071



45454A



C9C9C9



4A4A4A

Same Dimension

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



5C5B71



737294



675B71



333238



050078



0B00F7

Inverse Universe

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



715B70



947292



65715B



383238



780072



F700EC

Previews

White Background



This preview shows how the Hex color 5C5B71 looks on a white background.

Color Contrast Check

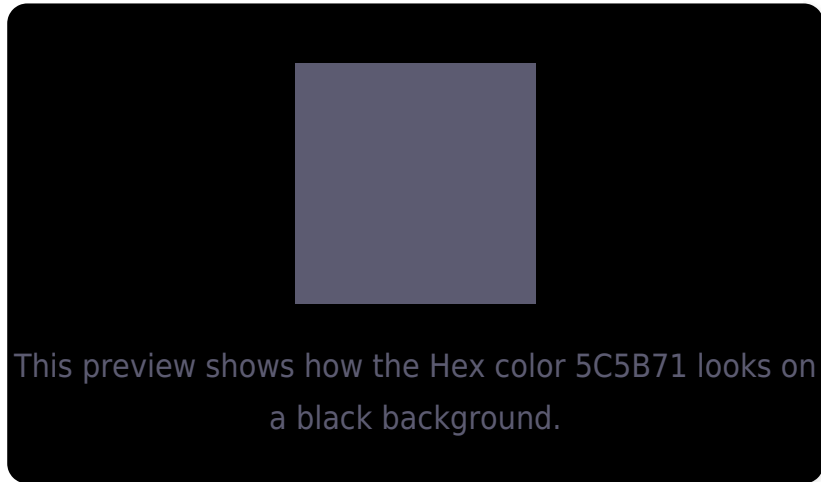
Large Text (above 18pt) WCAG AA ✓ Pass

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

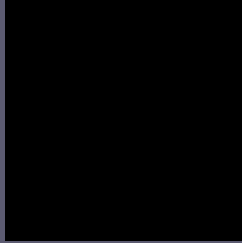
Any Text WCAG AA × Fail

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 5C5B71 Background



This preview shows how black text looks on a background with the Hex color 5C5B71.

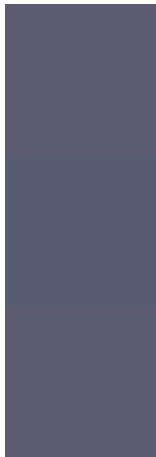


This preview shows how white text looks on a background with the Hex color 5C5B71.

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
5C5B71

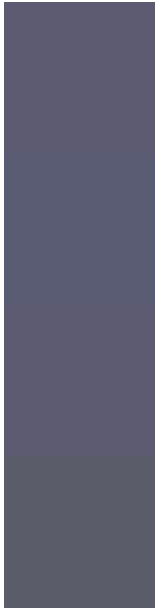
Protanopia
585C72

Deuteranopia
5C5B71



Tritanopia
5A5D65

Trichromacy



Original Color
5C5B71

Protanomaly
595C72

Deuteranomaly
5C5B71

Tritanomaly
5B5C69

Monochromacy



Original Color
5C5B71

Achromatopsia
5E5E5E

Achromatomaly
5D5D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C5B71 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 #5C5B71 looks like.

```
.text, #text, p{  
    color:#5C5B71  
}
```

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 #5C5B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5B71
}
```

Border

The CSS property to change the border of an element to Hex 5C5B71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

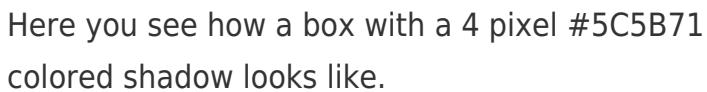
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C5B71 }
```

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

```
.border{ border-color:#5C5B71 }
```

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



Here you see how a box with a 4 pixel #5C5B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5B71; -webkit-box-shadow:4px 4px  
4px 4px #5C5B71; box-shadow:4px 4px 4px  
4px #5C5B71 }
```

Background

The CSS property to change the background color of an element to Hex 5C5B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5B71 }
```

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

```
.background{ background-color:#5C5B71 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor