

Converting Colors

Hex(5B5974)

Have a look what the booklet for
Hex(5B5974) contains.

Hex(5B5974)	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(5B5974)

Conversions

Conversions Part 1

Format	Color
Hex	5B5974
RGB	91, 89, 116
RGB Percent	36%, 35%, 45%
CMY	0.6431, 0.6510, 0.5451
CMYK	0.22, 0.23, 0.00, 0.55
HSL	244°, 13%, 40%
HSV	244°, 23%, 45%
XYZ	11.0391, 10.6299, 17.9929
YIQ	92.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

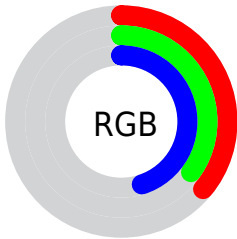
Format	Color
R_{YB}	91, 89, 116
Decimal	5986676
CIE _{Lab}	38.95, 7.10, -15.01
CIE _{LCh}	39, 16.604, 295.307
Yxy	10.6299, 0.2783, 0.2680
Android (android.graphics.Color)	4284176756 (0xFF5B5974)
YUV	92.6760, 11.4987, -1.4699
Hunter-Lab	32.6035, 3.3819, -9.8981

Details

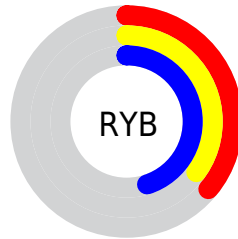
The Hex color **5B5974** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **727459**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8E8BA8**, and **2D2C44** is the 20% darker color. If you saturate the color by 10%, you get **504D74**, and if you desaturate by 10%, it is **666574**.

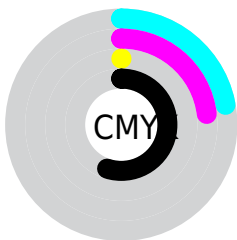
Distribution



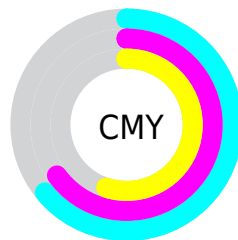
- Red (36%)
- Green (35%)
- Blue (45%)



- Red (36%)
- Yellow (35%)
- Blue (45%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5974 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 5B5974 by changing the saturation by 10% instead.

■ 5B5974

■ 5B5974

FFFFFF

■ 43425B

■ 8E8BA8

■ 2D2C44

■ A8A5C3

■ 17172D

■ C3C0DF

■ 000019

■ DFDCFC

■ 000000

■ FCF9FF

■ 5B5974

■ 5B5974

■ 504D74

■ 666574

■ 464274

■ 707074

■ 3B3674

■ 7B7C74

■ 302B74

■ 868774

■ 251F74

■ 919374

■ 1B1374

■ 9B9F74

■ 100874

■ A6AA74

■ 090074

■ B1B674

■ BCC174

Harmonies

Analogous

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



485E76



5B5974



6B556B

Triad

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



5B5974



725646



3C6359

Complementary

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



5B5974



727459

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.



4A624C



5B5974



685A41

Square

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



5B5974



775351



595E43



346367

Rectangle

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



5B5974



725363



595E43



406354

Sweetspot

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



5B5974



8D8C96



597274



47464D



CCCCCC



4D4D4D

Same Dimension

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



5B5974



6F6C96



685974



35353B



09007A



1300FA

Inverse Universe

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



745972



966C93



657459



3B353A



7A0071



FA00E7

Previews

White Background



This preview shows how the Hex color 5B5974 looks on a white background.

Color Contrast Check

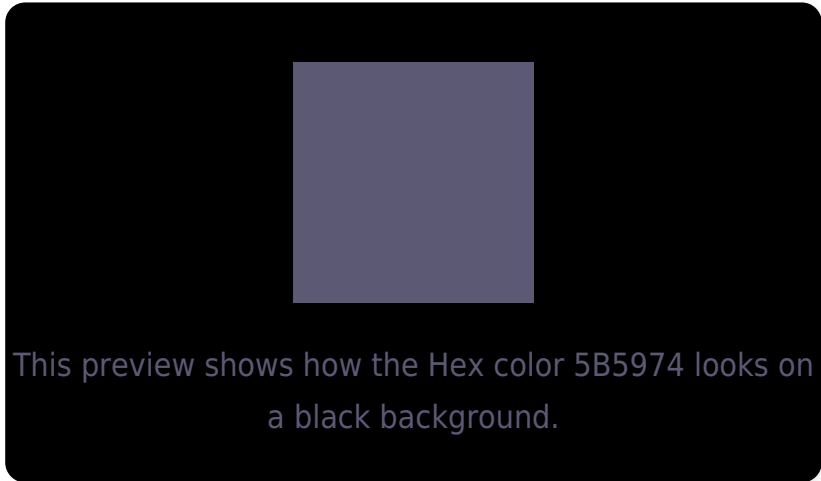
Large Text (above 18pt) WCAG AA ✓ Pass

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

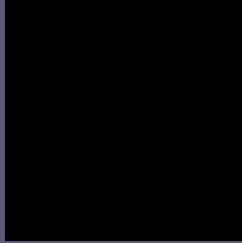
Any Text WCAG AA × Fail

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 5B5974 Background



This preview shows how black text looks on a background with the Hex color 5B5974.



This preview shows how white text looks on a background with the Hex color 5B5974.

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


5B5974

Protanopia

555B75

Deuteranopia

585A74



Tritanopia
585C63

Trichromacy



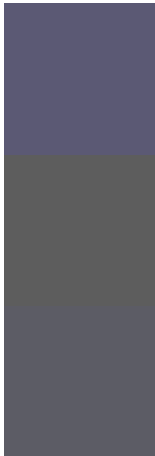
Original Color
5B5974

Protanomaly
575A75

Deuteranomaly
595A74

Tritanomaly
595B69

Monochromacy



Original Color
5B5974

Achromatopsia
5D5D5D

Achromatomaly
5C5C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5974 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 #5B5974 looks like.

```
.text, #text, p{  
    color:#5B5974  
}
```

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 #5B5974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5974
}
```

Border

The CSS property to change the border of an element to Hex 5B5974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

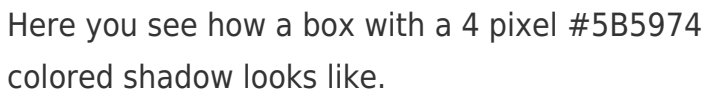
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5974 }
```

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

```
.border{ border-color:#5B5974 }
```

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



Here you see how a box with a 4 pixel #5B5974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5974; -webkit-box-shadow:4px 4px  
4px 4px #5B5974; box-shadow:4px 4px 4px  
4px #5B5974 }
```

Background

The CSS property to change the background color of an element to Hex 5B5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5974 }
```

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

```
.background{ background-color:#5B5974 }
```

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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