

Converting Colors

Hex(5B5374)

Have a look what the booklet for
Hex(5B5374) contains.

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Color

Hex(5B5374)

Conversions

Conversions Part 1

Format	Color
Hex	5B5374
RGB	91, 83, 116
RGB Percent	36%, 33%, 45%
CMY	0.6431, 0.6745, 0.5451
CMYK	0.22, 0.28, 0.00, 0.55
HSL	255°, 17%, 39%
HSV	255°, 28%, 45%
XYZ	10.5600, 9.6716, 17.8332
YIQ	89.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

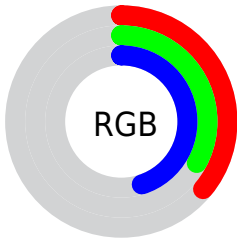
Format	Color
R_{YB}	91, 83, 116
Decimal	5985140
CIE _{Lab}	37.25, 10.86, -17.62
CIE _{LCh}	37, 20.698, 301.642
Yxy	9.6716, 0.2774, 0.2541
Android (android.graphics.Color)	4284175220 (0xFF5B5374)
YUV	89.1540, 13.2351, 1.6189
Hunter-Lab	31.0992, 6.1877, -12.2292

Details

The Hex color **5B5374** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6C7453**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8E84A8**, and **2C2644** is the 20% darker color. If you saturate the color by 10%, you get **524774**, and if you desaturate by 10%, it is **645F74**.

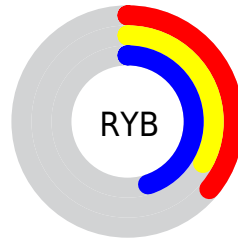
Distribution



Red (36%)

Green (33%)

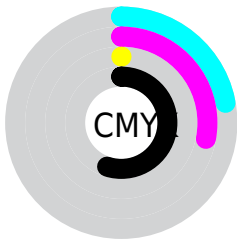
Blue (45%)



Red (36%)

Yellow (33%)

Blue (45%)

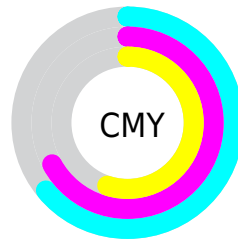


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (55%)



Cyan (64%)

Magenta (67%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5374 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 5B5374 by changing the saturation by 10% instead.

■ 5B5374

■ 5B5374

FFFFFF

■ 433C5B

■ 8E84A8

■ 2C2644

■ A89FC3

■ 17122D

■ C4BADF

■ 000119

■ E0D5FC

■ 000000

■ FCF2FF

■ 5B5374

■ 5B5374

■ 524774

■ 645F74

■ 493C74

■ 6D6A74

■ 413074

■ 757674

■ 382574

■ 7E8174

■ 2F1974

■ 878D74

■ 260D74

■ 909974

■ 1D0274

■ 99A474

■ 1C0074

■ A1B074

■ AABB74

Harmonies

Analogous

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



425979



5B5374



6E4E68

Triad

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



5B5374



70513B



296158

Complementary

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



5B5374



6C7453

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.



3D5F47



5B5374



625736

Square

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



5B5374



784C47



505C3B



1D6069

Rectangle

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



5B5374



754B5D



505C3B



2F6052

Sweetspot

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



5B5374



8C8996



536C74



46444D



CCCCCC



4D4D4D

Same Dimension

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



5B5374



706396



6B5374



36353B



1E007A



3D00FA

Inverse Universe

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



74536C



96638A



5C7453



3B3539



7A005D



FA00BD

Previews

White Background



This preview shows how the Hex color 5B5374 looks on a white background.

Color Contrast Check

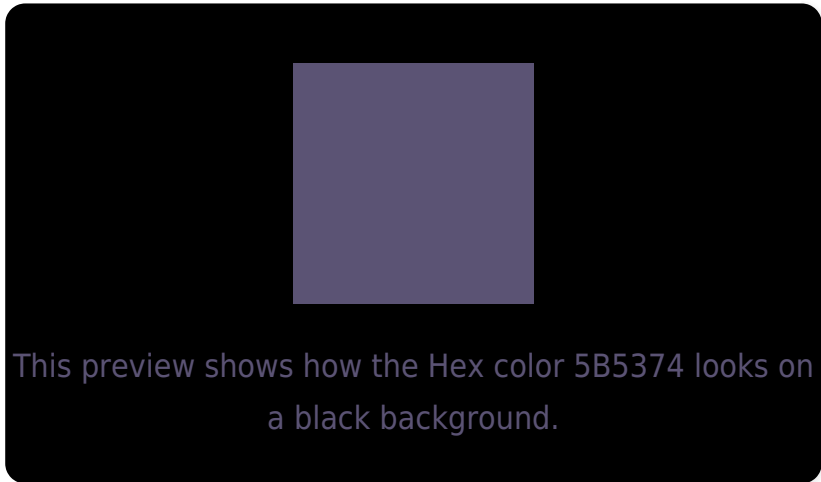
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

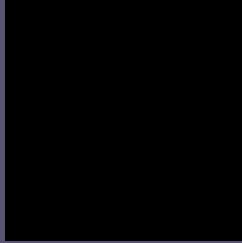
Any Text WCAG AA × Fail

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 5B5374 Background



This preview shows how black text looks on a background with the Hex color 5B5374.



This preview shows how white text looks on a background with the Hex color 5B5374.

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
5B5374

Protanopia
4E5777

Deuteranopia
515673



Tritanopia
57575E

Trichromacy



Original Color
5B5374

Protanomaly
535676

Deuteranomaly
555573

Tritanomaly
585666

Monochromacy



Original Color
5B5374

Achromatopsia
595959

Achromatomaly
5A5763

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5374 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 #5B5374 looks like.

```
.text, #text, p{  
    color:#5B5374  
}
```

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 #5B5374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5374
}
```

Border

The CSS property to change the border of an element to Hex 5B5374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

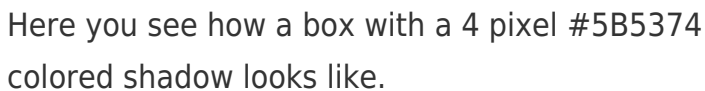
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5374 }
```

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

```
.border{ border-color:#5B5374 }
```

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



Here you see how a box with a 4 pixel #5B5374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5374; -webkit-box-shadow:4px 4px  
4px 4px #5B5374; box-shadow:4px 4px 4px  
4px #5B5374 }
```

Background

The CSS property to change the background color of an element to Hex 5B5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5374 }
```

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

```
.background{ background-color:#5B5374 }
```

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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