

Converting Colors

Hex(5874AB)

Have a look what the booklet for
Hex(5874AB) contains.

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Color

Hex(5874AB)

Conversions

Conversions Part 1

Format	Color
Hex	5874AB
RGB	88, 116, 171
RGB Percent	35%, 45%, 67%
CMY	0.6549, 0.5451, 0.3294
CMYK	0.49, 0.32, 0.00, 0.33
HSL	220°, 33%, 51%
HSV	220°, 49%, 67%
XYZ	17.6206, 17.5058, 40.9783
YIQ	113.8980, -34.3430, 11.1690

Conversions

Conversions Part 2

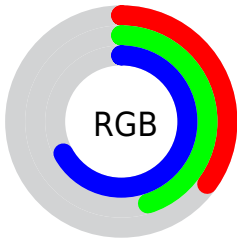
Format	Color
R_{YB}	88, 109, 171
Decimal	5797035
CIE _{Lab}	48.89, 5.40, -32.52
CIE _{LCh}	49, 32.962, 279.424
Yxy	17.5058, 0.2315, 0.2300
Android (android.graphics.Color)	4283987115 (0xFF5874AB)
YUV	113.8980, 28.1513, -22.7125
Hunter-Lab	41.8399, 1.9542, -28.7812

Details

The Hex color **5874AB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB8F58**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8EA8E3**, and **204476** is the 20% darker color. If you saturate the color by 10%, you get **4769AB**, and if you desaturate by 10%, it is **697FAB**.

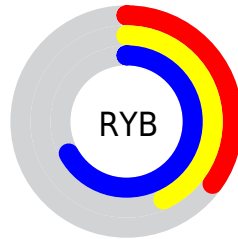
Distribution



Red (35%)

Green (45%)

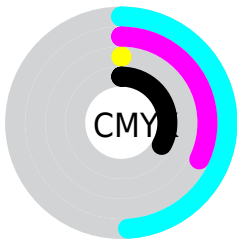
Blue (67%)



Red (35%)

Yellow (43%)

Blue (67%)

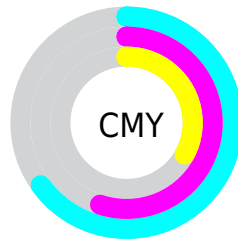


Cyan (49%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (65%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5874AB 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 5874AB by changing the saturation by 10% instead.

■ 5874AB

■ 5874AB

FFFFFF

■ 3D5C90

■ 8EA8E3

■ 204476

■ AAC3FF

■ 002E5D

■ C6DFFF

■ 001A45

■ E3BFFF

■ 00032F

■ 000119

■ 000000

■ 5874AB

■ 5874AB

■ 4769AB

■ 697FAB

■ 365DAB

■ 7A8BAB

■ 2552AB

■ 8B96AB

■ 1447AB

■ 9CA1AB

■ 033BAB

■ ADADAB

■ 003AAB

■ BFB8AB

■ D0C3AB

■ E1CFAB

■ F2DAAB

Harmonies

Analogous

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



177CA8



5874AB



826A9F

Triad

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



5874AB



A66252



3A8160

Complementary

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



5874AB



AB8F58

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.



5F7D48



5874AB



966C40

Square

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



5874AB



A95E6C



7D753C



00837C

Rectangle

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



5874AB



966391



7D753C



478057

Sweetspot

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



5874AB



BDC8DE



58AB8E



5C6370



F0F0F0



707070

Same Dimension

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



5874AB



5D89DE



6458AB



4E5157



003396



000817

Inverse Universe

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



AB5874



DE5D89



9FAB58



574E51



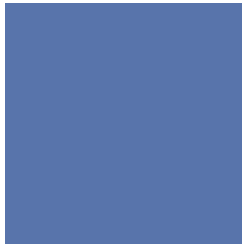
960033



170008

Previews

White Background



This preview shows how the Hex color 5874AB looks on a white background.

Color Contrast Check

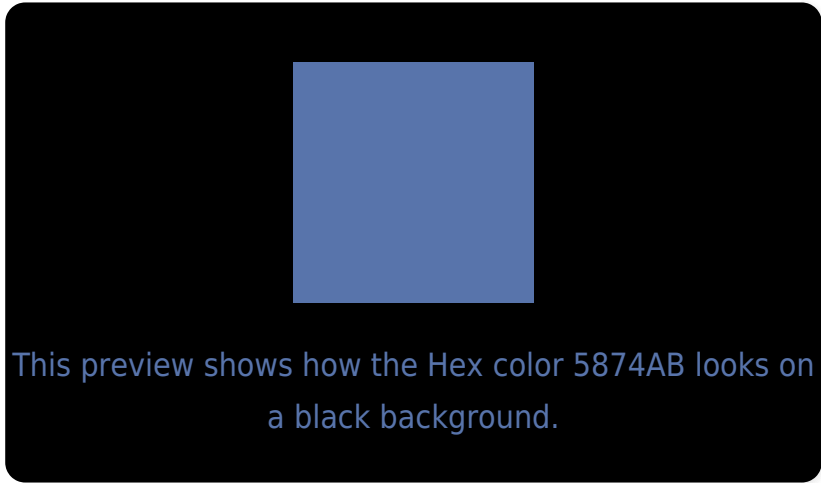
Large Text (above 18pt) WCAG AA ✓ Pass

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

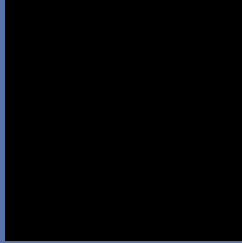
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

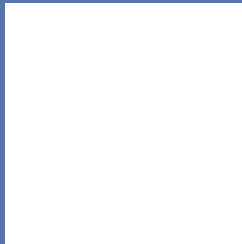
Any Text WCAG AAA × Fail

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

Hex 5874AB Background



This preview shows how black text looks on a background with the Hex color 5874AB.

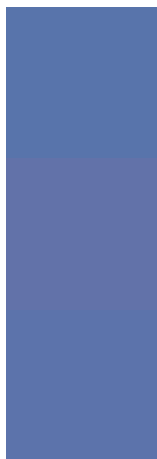


This preview shows how white text looks on a background with the Hex color 5874AB.

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
5874AB

Protanopia
6272A9

Deuteranopia
5C73AB



Tritanopia
4C7B85

Trichromacy



Original Color
5874AB

Protanomaly
5E73AA

Deuteranomaly
5B73AB

Tritanomaly
507893

Monochromacy



Original Color
5874AB

Achromatopsia
727272

Achromatomaly
697387

CSS Examples

Text

The CSS property to change the color of the text to Hex 5874AB 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 #5874AB looks like.

```
.text, #text, p{  
    color:#5874AB  
}
```

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 #5874AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5874AB
}
```

Border

The CSS property to change the border of an element to Hex 5874AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

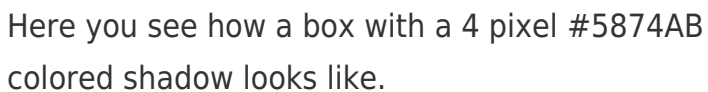
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5874AB }
```

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

```
.border{ border-color:#5874AB }
```

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



Here you see how a box with a 4 pixel #5874AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5874AB; -webkit-box-shadow:4px 4px  
4px 4px #5874AB; box-shadow:4px 4px 4px  
4px #5874AB }
```

Background

The CSS property to change the background color of an element to Hex 5874AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5874AB }
```

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

```
.background{ background-color:#5874AB }
```

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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