

Converting Colors

Hex(4973B1)

Have a look what the booklet for
Hex(4973B1) contains.

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Color

Hex(4973B1)

Conversions

Conversions Part 1

Format	Color
Hex	4973B1
RGB	73, 115, 177
RGB Percent	29%, 45%, 69%
CMY	0.7137, 0.5490, 0.3059
CMYK	0.59, 0.35, 0.00, 0.31
HSL	216°, 42%, 49%
HSV	216°, 59%, 69%
XYZ	16.8142, 16.8523, 43.9616
YIQ	109.5100, -44.9340, 10.3780

Conversions

Conversions Part 2

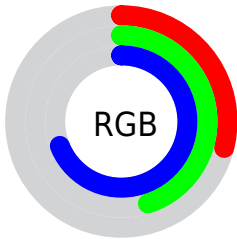
Format	Color
R _Y B	73, 103, 177
Decimal	4813745
CIE Lab	48.07, 4.50, -37.35
CIE LCh	48, 37.620, 276.877
Yxy	16.8523, 0.2166, 0.2171
Android (android.graphics.Color)	4283003825 (0xFF4973B1)
YUV	109.5100, 33.2726, -32.0193
Hunter-Lab	41.0515, 1.2713, -34.7569

Details

The Hex color **4973B1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B18749**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **81A7E9**, and **00437C** is the 20% darker color. If you saturate the color by 10%, you get **3768B1**, and if you desaturate by 10%, it is **5B7EB1**.

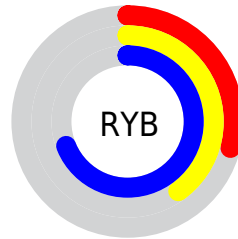
Distribution



Red (29%)

Green (45%)

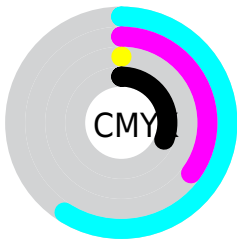
Blue (69%)



Red (29%)

Yellow (40%)

Blue (69%)

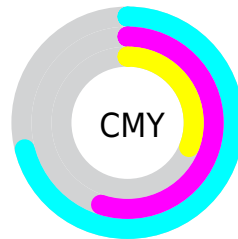


Cyan (59%)

Magenta (35%)

Yellow (0%)

Black (31%)



Cyan (71%)

Magenta (55%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4973B1 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 4973B1 by changing the saturation by 10% instead.

■ 4973B1

■ 4973B1

FFFFFF

■ 2A5B96

■ 81A7E9

■ 00437C

■ 9DC2FF

■ 002E63

■ BADEFF

■ 001A4A

■ D7FAFF

■ 000433

■ F4FFFF

■ 00021D

■ 000000

■ 4973B1

■ 4973B1

■ 3768B1

■ 5B7EB1

■ 265EB1

■ 6C88B1

■ 1453B1

■ 7E93B1

■ 0249B1

■ 909DB1

■ 0047B1

■ A2A8B1

■ B3B2B1

■ C5BDB1

■ D7C7B1

■ E8D2B1

Harmonies

Analogous

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



007CAC



4973B1



7E67A5

Triad

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



4973B1



AA5D4E



2F8058

Complementary

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



4973B1



B18749

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.



5C7B3D



4973B1



996838

Square

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



4973B1



AD576C



7E7331



008279

Rectangle

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



4973B1



965F95



7E7331



417F4E

Sweetspot

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



4973B1



BCCDE6



49B186



5A6473



F2F2F2



737373

Same Dimension

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



4973B1



4384E6



5249B1



505459



003E99



000A1A

Inverse Universe

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



B14973



E64384



A8B149



595054



99003E



1A000A

Previews

White Background



This preview shows how the Hex color 4973B1 looks on a white background.

Color Contrast Check

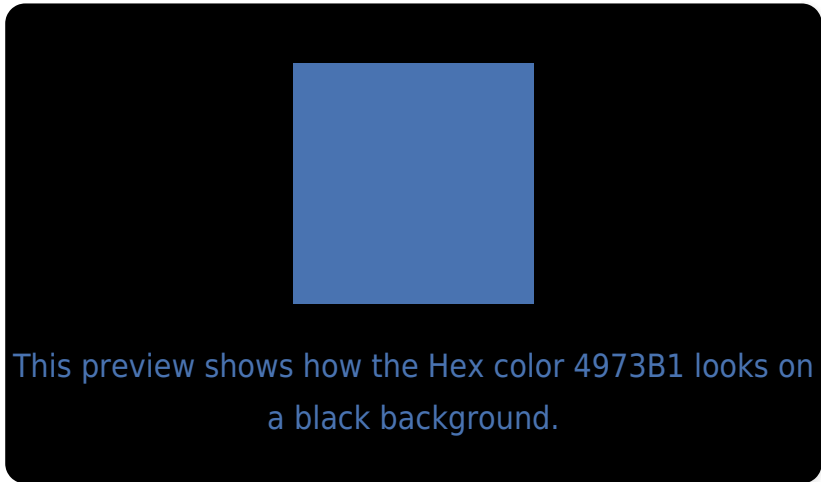
Large Text (above 18pt) WCAG AA ✓ Pass

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

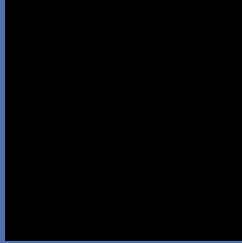
Any Text WCAG AA × Fail

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 4973B1 Background



This preview shows how black text looks on a background with the Hex color 4973B1.



This preview shows how white text looks on a background with the Hex color 4973B1.

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
4973B1

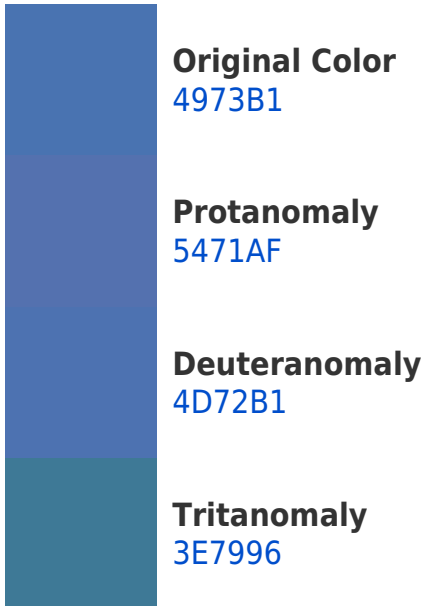
Protanopia
5B70AE

Deuteranopia
5072B1



Tritanopia
377C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4973B1 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 #4973B1 looks like.

```
.text, #text, p{  
    color:#4973B1  
}
```

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 #4973B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4973B1
}
```

Border

The CSS property to change the border of an element to Hex 4973B1 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
#4973B1 }
```

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

```
.border{ border-color:#4973B1 }
```

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

Here you see how a box with a 4 pixel #4973B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4973B1; -webkit-box-shadow:4px 4px  
4px 4px #4973B1; box-shadow:4px 4px 4px  
4px #4973B1 }
```

Background

The CSS property to change the background color of an element to Hex 4973B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4973B1 }
```

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

```
.background{ background-color:#4973B1 }
```

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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