

Converting Colors

Hex(4972B4)

Have a look what the booklet for
Hex(4972B4) contains.

Hex(4972B4)	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(4972B4)

Conversions

Conversions Part 1

Format	Color
Hex	4972B4
RGB	73, 114, 180
RGB Percent	29%, 45%, 71%
CMY	0.7137, 0.5529, 0.2941
CMYK	0.59, 0.37, 0.00, 0.29
HSL	217°, 42%, 50%
HSV	217°, 59%, 71%
XYZ	17.0032, 16.7464, 45.5162
YIQ	109.2650, -45.6220, 11.8340

Conversions

Conversions Part 2

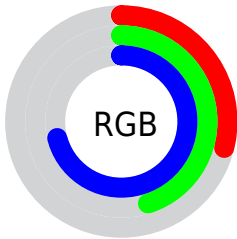
Format	Color
R_{YB}	73, 103, 180
Decimal	4813492
CIE _{Lab}	47.94, 6.13, -39.30
CIE _{LCh}	48, 39.779, 278.868
Yxy	16.7464, 0.2145, 0.2113
Android (android.graphics.Color)	4283003572 (0xFF4972B4)
YUV	109.2650, 34.8724, -31.8044
Hunter-Lab	40.9223, 2.5524, -37.3002

Details

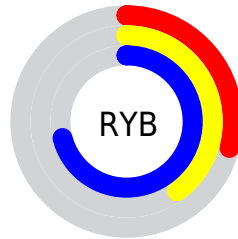
The Hex color **4972B4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B48B49**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **82A6EC**, and **00437F** is the 20% darker color. If you saturate the color by 10%, you get **3767B4**, and if you desaturate by 10%, it is **5B7DB4**.

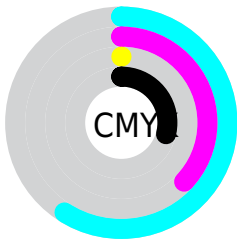
Distribution



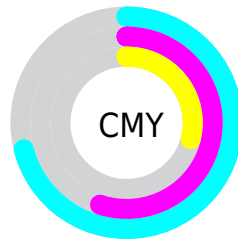
- Red (29%)
- Green (45%)
- Blue (71%)



- Red (29%)
- Yellow (40%)
- Blue (71%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4972B4 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 4972B4 by changing the saturation by 10% instead.

■ 4972B4

■ 4972B4

FFFFFF

■ 2A5A99

■ 82A6EC

■ 00437F

■ 9EC1FF

■ 002D65

■ BBDCFF

■ 00194D

■ D8F9FF

■ 000536

■ F5FFFF

■ 000220

■ 000003

■ 000000

■ 4972B4

■ 4972B4

■ 3767B4

■ 5B7DB4

■ 255CB4

■ 6D88B4

■ 1351B4

■ 7F93B4

■ 0146B4

■ 919EB4

■ 0045B4

■ A3AAB4

■ B5B5B4

■ C7C0B4

■ D9CBB4

■ EBD6B4

Harmonies

Analogous

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



007CB0



4972B4



8165A6

Triad

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



4972B4



AC5B49



238158

Complementary

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



4972B4



B48B49

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.



587C3B



4972B4



996732

Square

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



4972B4



B05569



7C732C



00837B

Rectangle

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



4972B4



9A5C95



7C732C



39804E

Sweetspot

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



4972B4



C0D1EB



49B48B



5B6575



F5F5F5



757575

Same Dimension

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



4972B4



4484EB



5549B4



505459



003B99



000A1A

Inverse Universe

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



B44972



EB4484



A8B449



595054



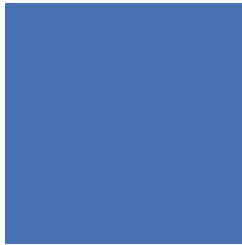
99003B



1A000A

Previews

White Background



This preview shows how the Hex color 4972B4 looks on a white background.

Color Contrast Check

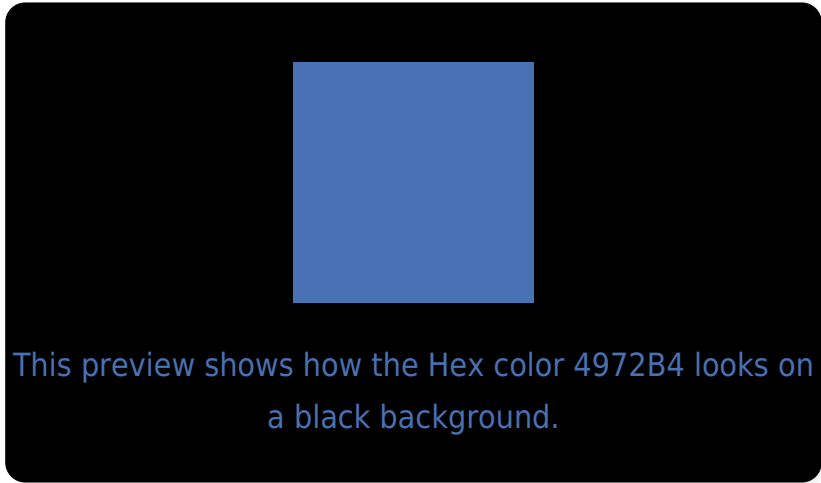
Large Text (above 18pt) WCAG AA ✓ Pass

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

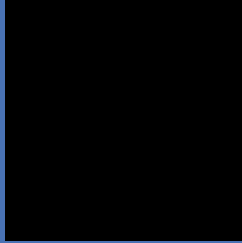
Any Text WCAG AA × Fail

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 4972B4 Background



This preview shows how black text looks on a background with the Hex color 4972B4.




This preview shows how white text looks on a background with the Hex color 4972B4.

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](#).

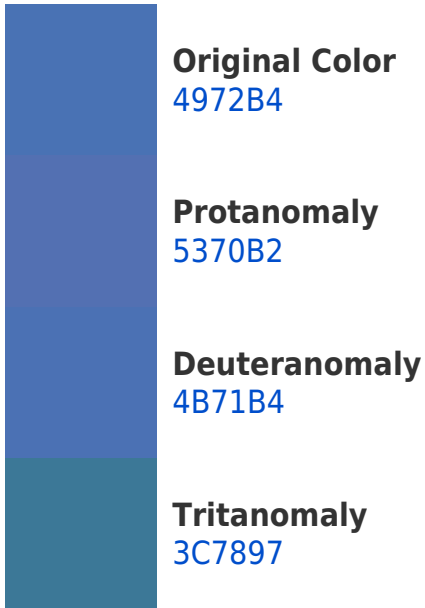
Dichromacy





Tritanopia
357C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4972B4 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 #4972B4 looks like.

```
.text, #text, p{  
    color:#4972B4  
}
```

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 #4972B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4972B4
}
```

Border

The CSS property to change the border of an element to Hex 4972B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

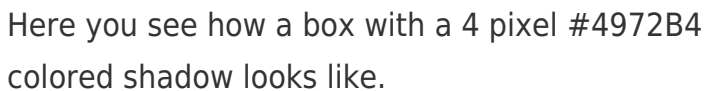
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4972B4 }
```

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

```
.border{ border-color:#4972B4 }
```

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



Here you see how a box with a 4 pixel #4972B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4972B4; -webkit-box-shadow:4px 4px  
4px 4px #4972B4; box-shadow:4px 4px 4px  
4px #4972B4 }
```

Background

The CSS property to change the background color of an element to Hex 4972B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4972B4 }
```

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

```
.background{ background-color:#4972B4 }
```

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