

Converting Colors

Hex(4972B9)

Have a look what the booklet for
Hex(4972B9) contains.

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Color

Hex(4972B9)

Conversions

Conversions Part 1

Format	Color
Hex	4972B9
RGB	73, 114, 185
RGB Percent	29%, 45%, 73%
CMY	0.7137, 0.5529, 0.2745
CMYK	0.61, 0.38, 0.00, 0.27
HSL	218°, 44%, 51%
HSV	218°, 61%, 73%
XYZ	17.5219, 16.9539, 48.2479
YIQ	109.8350, -47.2270, 13.3890

Conversions

Conversions Part 2

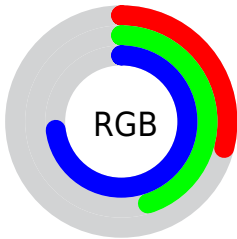
Format	Color
R_{YB}	73, 103, 185
Decimal	4813497
CIE _{Lab}	48.20, 7.83, -41.78
CIE _{LCh}	48, 42.512, 280.620
Yxy	16.9539, 0.2118, 0.2049
Android (android.graphics.Color)	4283003577 (0xFF4972B9)
YUV	109.8350, 37.0563, -32.3043
Hunter-Lab	41.1751, 3.9037, -40.6519

Details

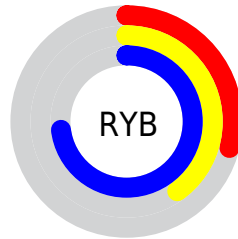
The Hex color **4972B9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B99049**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **82A6F1**, and **004383** is the 20% darker color. If you saturate the color by 10%, you get **3666B9**, and if you desaturate by 10%, it is **5B7EB9**.

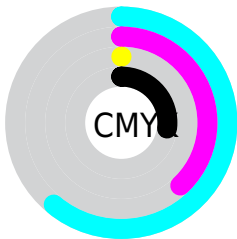
Distribution



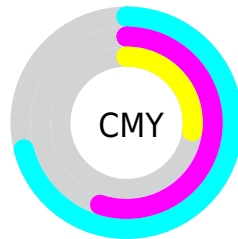
- Red (29%)
- Green (45%)
- Blue (73%)



- Red (29%)
- Yellow (40%)
- Blue (73%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (55%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4972B9 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 4972B9 by changing the saturation by 10% instead.

■ 4972B9

■ 4972B9

FFFFFF

■ 295A9E

■ 82A6F1

■ 004383

■ 9FC1FF

■ 002D6A

■ BCDCFF

■ 001951

■ D9F9FF

■ 00053A

■ F6FFFF

■ 000223

■ 00000A

■ 000000

■ 4972B9

■ 4972B9

■ 3666B9

■ 5B7EB9

■ 245BB9

■ 6E89B9

■ 114FB9

■ 8195B9

■ 0044B9

■ 93A1B9

■ A5ADB9

■ B8B8B9

■ CBC4B9

■ DDD0B9

■ EFDCB9

Harmonies

Analogous

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



007DB6



4972B9



8564A9

Triad

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



4972B9



AF5B45



0F8359

Complementary

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



4972B9



B99049

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.



537E39



4972B9



9A682D

Square

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



4972B9



B55367



7A7527



00847F

Rectangle

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



4972B9



9F5A96



7A7527



30814E

Sweetspot

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



4972B9



C5D4F0



49B990



5D6778



F7F7F7



787878

Same Dimension

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



4972B9



4181F0



5849B9



53565C



00399C



000A1C

Inverse Universe

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



B94972



F04181



AAB949



5C5356



9C0039



1C000A

Previews

White Background



This preview shows how the Hex color 4972B9 looks on a white background.

Color Contrast Check

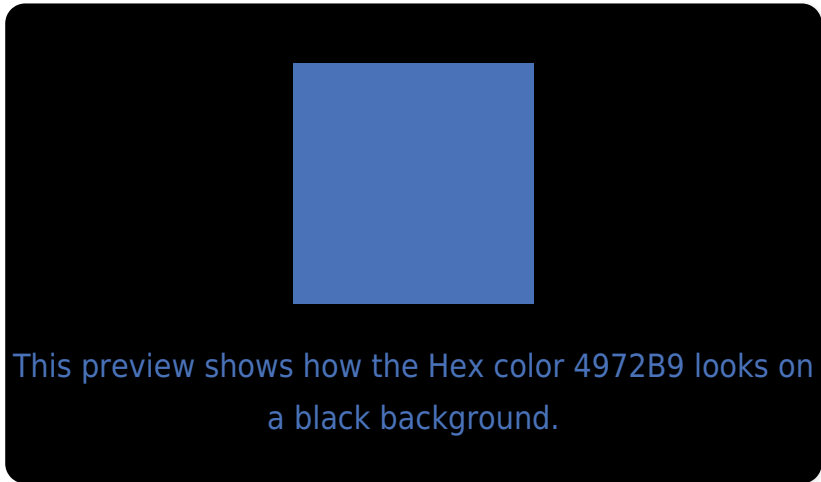
Large Text (above 18pt) WCAG AA ✓ Pass

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 4972B9 Background



This preview shows how black text looks on a background with the Hex color 4972B9.




This preview shows how white text looks on a background with the Hex color 4972B9.

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](#).

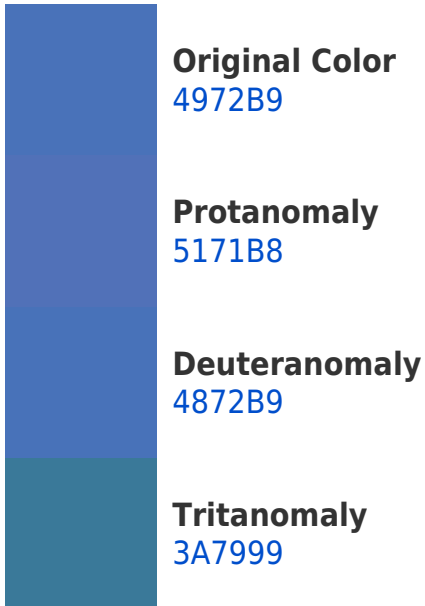
Dichromacy





Tritanopia
327D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4972B9 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 #4972B9 looks like.

```
.text, #text, p{  
    color:#4972B9  
}
```

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 #4972B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4972B9
}
```

Border

The CSS property to change the border of an element to Hex 4972B9 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
#4972B9 }
```

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

```
.border{ border-color:#4972B9 }
```

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

Here you see how a box with a 4 pixel #4972B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4972B9; -webkit-box-shadow:4px 4px  
4px 4px #4972B9; box-shadow:4px 4px 4px  
4px #4972B9 }
```

Background

The CSS property to change the background color of an element to Hex 4972B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4972B9 }
```

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

```
.background{ background-color:#4972B9 }
```

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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