

Converting Colors

Hex(4D7BB4)

Have a look what the booklet for
Hex(4D7BB4) contains.

Hex(4D7BB4)	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(4D7BB4)

Conversions

Conversions Part 1

Format	Color
Hex	4D7BB4
RGB	77, 123, 180
RGB Percent	30%, 48%, 71%
CMY	0.6980, 0.5176, 0.2941
CMYK	0.57, 0.32, 0.00, 0.29
HSL	213°, 41%, 50%
HSV	213°, 57%, 71%
XYZ	18.3817, 19.0390, 45.8861
YIQ	115.7440, -45.7130, 7.9750

Conversions

Conversions Part 2

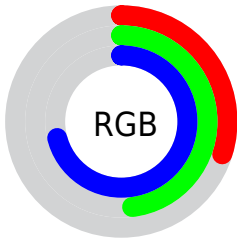
Format	Color
R_{YB}	77, 109, 180
Decimal	5077940
CIE _{Lab}	50.73, 1.51, -34.89
CIE _{LCh}	51, 34.923, 272.472
Yxy	19.0390, 0.2207, 0.2285
Android (android.graphics.Color)	4283268020 (0xFF4D7BB4)
YUV	115.7440, 31.6782, -33.9785
Hunter-Lab	43.6337, -1.1615, -31.8070

Details

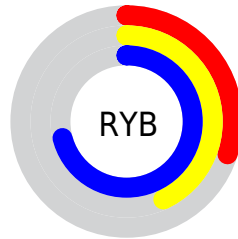
The Hex color **4D7BB4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B4864D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **85AFEC**, and **034B7F** is the 20% darker color. If you saturate the color by 10%, you get **3B71B4**, and if you desaturate by 10%, it is **5F85B4**.

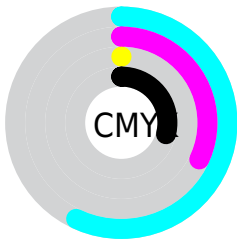
Distribution



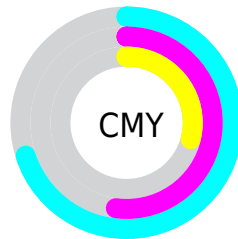
- Red (30%)
- Green (48%)
- Blue (71%)



- Red (30%)
- Yellow (43%)
- Blue (71%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7BB4 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 4D7BB4 by changing the saturation by 10% instead.

■ 4D7BB4

■ 4D7BB4

FFFFFF

■ 2F6299

■ 85AFEC

■ 034B7F

■ A1CBFF

■ 003466

■ BEE7FF

■ 00204D

■ DBFFFF

■ 000636

■ F8FFFF

■ 000220

■ 000004

■ 000000

■ 4D7BB4

■ 4D7BB4

■ 3B71B4

■ 5F85B4

■ 2967B4

■ 718FB4

■ 175DB4

■ 8399B4

■ 0553B4

■ 95A3B4

■ 0050B4

■ A7ADB4

■ B9B7B4

■ CBC1B4

■ DDCBB4

■ EFD5B4

Harmonies

Analogous

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



0083AD



4D7BB4



7F70AB

Triad

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



4D7BB4



B0645A



44865C

Complementary

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



4D7BB4



B4864D

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.



6A8045



4D7BB4



A16D44

Square

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



4D7BB4



B06077



89783C



00887A

Rectangle

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



4D7BB4



97699D



89783C



528453

Sweetspot

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



4D7BB4



C3D5EB



4DB486



5E6875



F5F5F5



757575

Same Dimension

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



4D7BB4



4991EB



524DB4



505459



004499



000B1A

Inverse Universe

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



B44D7B



EB4991



AFB44D



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 4D7BB4 looks on a white background.

Color Contrast Check

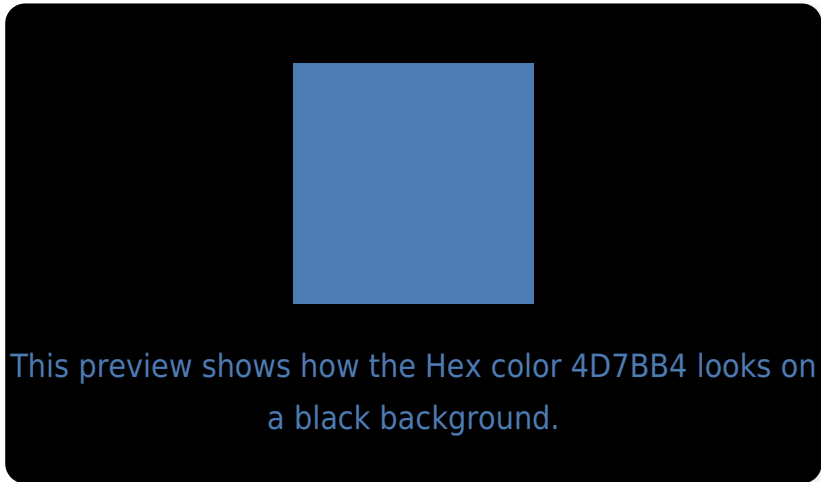
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 4D7BB4 Background



This preview shows how black text looks on a background with the Hex color 4D7BB4.



This preview shows how white text looks on a background with the Hex color 4D7BB4.

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
4D7BB4

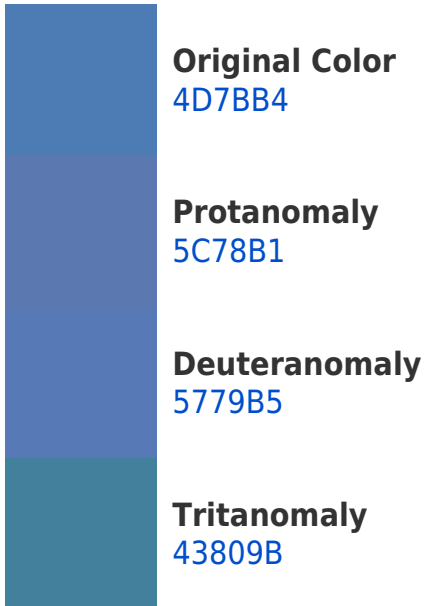
Protanopia
6576B0

Deuteranopia
5C78B5

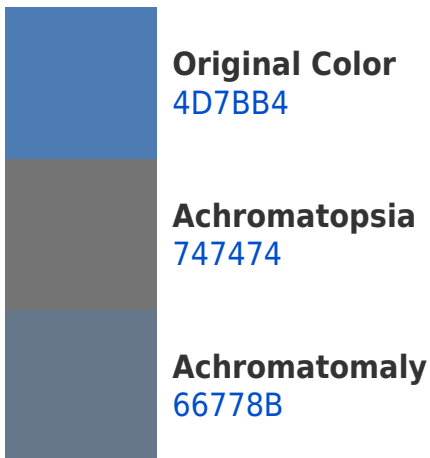


Tritanopia
3D838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7BB4 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 #4D7BB4 looks like.

```
.text, #text, p{  
    color:#4D7BB4  
}
```

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 #4D7BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7BB4
}
```

Border

The CSS property to change the border of an element to Hex 4D7BB4 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
#4D7BB4 }
```

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

```
.border{ border-color:#4D7BB4 }
```

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

Here you see how a box with a 4 pixel #4D7BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7BB4; -webkit-box-shadow:4px 4px  
4px 4px #4D7BB4; box-shadow:4px 4px 4px  
4px #4D7BB4 }
```

Background

The CSS property to change the background color of an element to Hex 4D7BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7BB4 }
```

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

```
.background{ background-color:#4D7BB4 }
```

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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