

Converting Colors

Hex(4D69B0)

Have a look what the booklet for
Hex(4D69B0) contains.

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Color

Hex(4D69B0)

Conversions

Conversions Part 1

Format	Color
Hex	4D69B0
RGB	77, 105, 176
RGB Percent	30%, 41%, 69%
CMY	0.6980, 0.5882, 0.3098
CMYK	0.56, 0.40, 0.00, 0.31
HSL	223°, 39%, 50%
HSV	223°, 56%, 69%
XYZ	15.9486, 14.8155, 43.0934
YIQ	104.7220, -39.4790, 16.1450

Conversions

Conversions Part 2

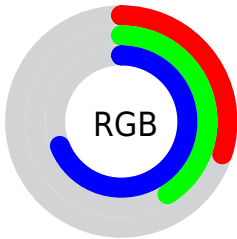
Format	Color
R_{YB}	77, 99, 176
Decimal	5073328
CIE _{Lab}	45.38, 11.21, -41.01
CIE _{LCh}	45, 42.517, 285.288
Yxy	14.8155, 0.2159, 0.2006
Android (android.graphics.Color)	4283263408 (0xFF4D69B0)
YUV	104.7220, 35.1401, -24.3122
Hunter-Lab	38.4909, 6.6019, -39.4358

Details

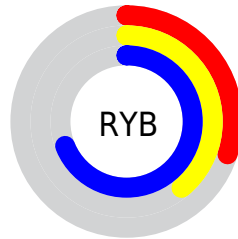
The Hex color **4D69B0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0944D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **859CE8**, and **063A7B** is the 20% darker color. If you saturate the color by 10%, you get **3B5CB0**, and if you desaturate by 10%, it is **5F76B0**.

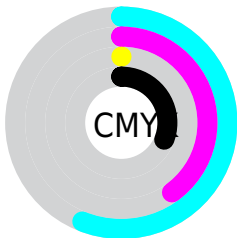
Distribution



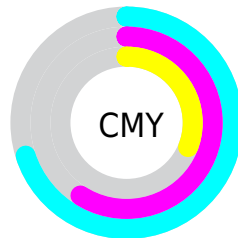
- Red (30%)
- Green (41%)
- Blue (69%)



- Red (30%)
- Yellow (39%)
- Blue (69%)



- Cyan (56%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (59%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D69B0 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 4D69B0 by changing the saturation by 10% instead.

■ 4D69B0

■ 4D69B0

FFFFFF

■ 305195

■ 859CE8

■ 063A7B

■ A1B7FF

■ 002562

■ BDD2FF

■ 001149

■ DAEEFF

■ 000432

■ F8FFFF

■ 00021C

■ 000000

■ 4D69B0

■ 4D69B0

■ 3B5CB0

■ 5F76B0

■ 2A50B0

■ 7082B0

■ 1843B0

■ 828FB0

■ 0737B0

■ 939BB0

■ 0032B0

■ A5A8B0

■ B7B5B0

■ C8C1B0

■ DACEB0

■ EBDBB0

Harmonies

Analogous

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



0074B0



4D69B0



855A9E

Triad

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



4D69B0



A4563A



007C58

Complementary

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



4D69B0



B0944D

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.



457737



4D69B0



8D6324

Square

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



4D69B0



AD4C5B



6E6F22



007D7D

Rectangle

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



4D69B0



9C518A



6E6F22



1A7B4C

Sweetspot

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



4D69B0



BECAE6



4DB094



5C6273



F2F2F2



737373

Same Dimension

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



4D69B0



4976E6



624DB0



505359



002B99



00071A

Inverse Universe

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



B04D69



E64976



9BB04D



595053



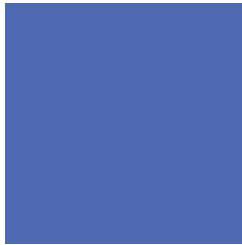
99002B



1A0007

Previews

White Background



This preview shows how the Hex color 4D69B0 looks on a white background.

Color Contrast Check

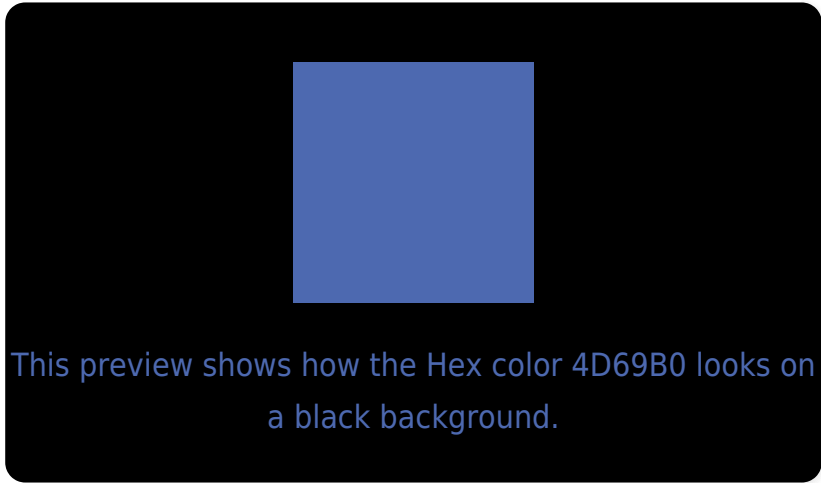
Large Text (above 18pt) WCAG AA ✓ Pass

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

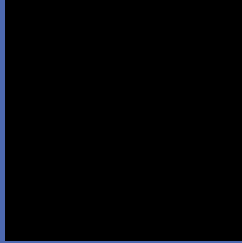
Any Text WCAG AA × Fail

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 4D69B0 Background



This preview shows how black text looks on a background with the Hex color 4D69B0.

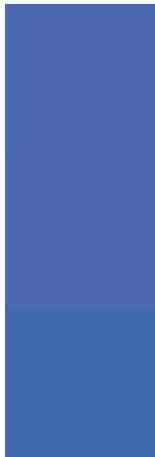


This preview shows how white text looks on a background with the Hex color 4D69B0.

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
4D69B0

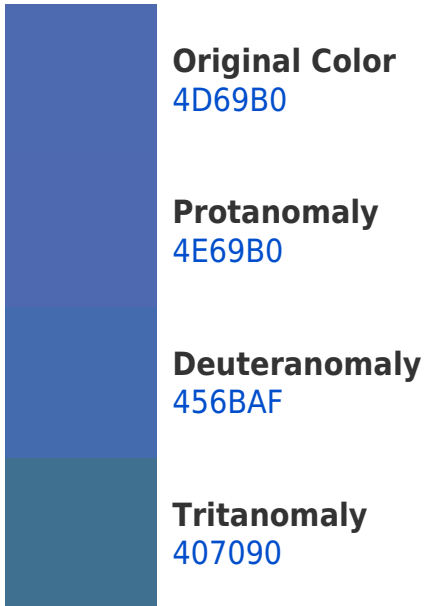
Protanopia
4E69B0

Deuteranopia
406CAF



Tritanopia
39747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D69B0 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 #4D69B0 looks like.

```
.text, #text, p{  
    color:#4D69B0  
}
```

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 #4D69B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D69B0
}
```

Border

The CSS property to change the border of an element to Hex 4D69B0 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".

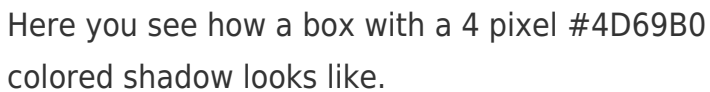
```
.border, #border, table{ border:4px solid
#4D69B0 }
```

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

```
.border{ border-color:#4D69B0 }
```

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

Here you see how a box with a 4 pixel #4D69B0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D69B0; -webkit-box-shadow:4px 4px  
4px 4px #4D69B0; box-shadow:4px 4px 4px  
4px #4D69B0 }
```

Background

The CSS property to change the background color of an element to Hex 4D69B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D69B0 }
```

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

```
.background{ background-color:#4D69B0 }
```

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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