

Converting Colors

Hex(4D6DB6)

Have a look what the booklet for
Hex(4D6DB6) contains.

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Color

Hex(4D6DB6)

Conversions

Conversions Part 1

Format	Color
Hex	4D6DB6
RGB	77, 109, 182
RGB Percent	30%, 43%, 71%
CMY	0.6980, 0.5725, 0.2863
CMYK	0.58, 0.40, 0.00, 0.29
HSL	222°, 42%, 51%
HSV	222°, 58%, 71%
XYZ	16.9727, 15.8925, 46.4290
YIQ	107.7540, -42.5050, 15.9190

Conversions

Conversions Part 2

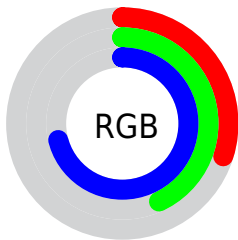
Format	Color
R_{YB}	77, 102, 182
Decimal	5074358
CIE _{Lab}	46.83, 10.73, -42.20
CIE _{LCh}	47, 43.545, 284.265
Yxy	15.8925, 0.2140, 0.2004
Android (android.graphics.Color)	4283264438 (0xFF4D6DB6)
YUV	107.7540, 36.6033, -26.9713
Hunter-Lab	39.8653, 6.2322, -41.1460

Details

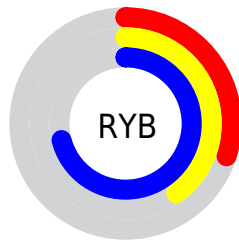
The Hex color **4D6DB6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B6964D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **85A0EE**, and **013E81** is the 20% darker color. If you saturate the color by 10%, you get **3B60B6**, and if you desaturate by 10%, it is **5F7AB6**.

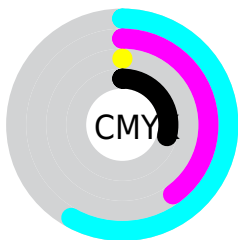
Distribution



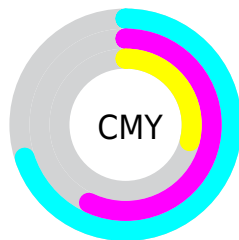
- Red (30%)
- Green (43%)
- Blue (71%)



- Red (30%)
- Yellow (40%)
- Blue (71%)



- Cyan (58%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6DB6 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 4D6DB6 by changing the saturation by 10% instead.

■ 4D6DB6

■ 4D6DB6

FFFFFF

■ 2F559B

■ 85A0EE

■ 013E81

■ A2BBFF

■ 002967

■ BED7FF

■ 00154E

■ DBF3FF

■ 000537

■ F9FFFF

■ 000221

■ 000006

■ 000000

■ 4D6DB6

■ 4D6DB6

■ 3B60B6

■ 5F7AB6

■ 2954B6

■ 7186B6

■ 1647B6

■ 8493B6

■ 043AB6

■ 96A0B6

■ 0037B6

■ A8ACB6

■ BAB9B6

■ CCC6B6

■ DFD2B6

■ F1DFB6

Harmonies

Analogous

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



0078B5



4D6DB6



885EA4

Triad

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



4D6DB6



AA583D



00805A

Complementary

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



4D6DB6



B6964D

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.



497B38



4D6DB6



936626

Square

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



4D6DB6



B34F5F



727323



008180

Rectangle

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



4D6DB6



A0558F



727323



1E7F4E

Sweetspot

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



4D6DB6



C5D1ED



4DB695



606778



F7F7F7



787878

Same Dimension

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



4D6DB6



4A7BED



604DB6



53555C



002F9C



00091C

Inverse Universe

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



B64D6D



ED4A7B



A3B64D



5C5355



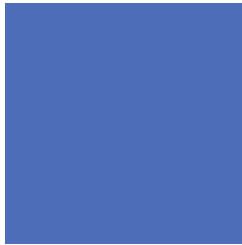
9C002F



1C0009

Previews

White Background



This preview shows how the Hex color 4D6DB6 looks on a white background.

Color Contrast Check

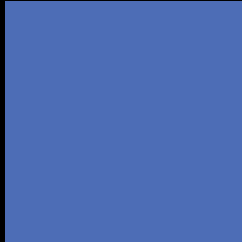
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4D6DB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

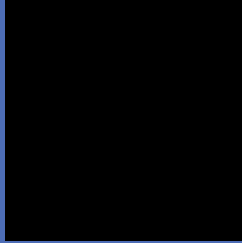
Any Text WCAG AA × Fail

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 4D6DB6 Background



This preview shows how black text looks on a background with the Hex color 4D6DB6.



This preview shows how white text looks on a background with the Hex color 4D6DB6.

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

4D6DB6

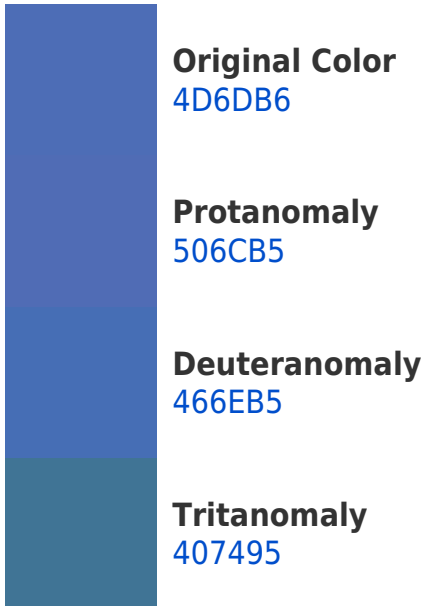
Protanopia

516CB5

Deuteranopia

426FB5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6DB6 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 #4D6DB6 looks like.

```
.text, #text, p{  
    color:#4D6DB6  
}
```

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 #4D6DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6DB6
}
```

Border

The CSS property to change the border of an element to Hex 4D6DB6 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
#4D6DB6 }
```

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

```
.border{ border-color:#4D6DB6 }
```

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

Here you see how a box with a 4 pixel #4D6DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6DB6; -webkit-box-shadow:4px 4px  
4px 4px #4D6DB6; box-shadow:4px 4px 4px  
4px #4D6DB6 }
```

Background

The CSS property to change the background color of an element to Hex 4D6DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6DB6 }
```

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

```
.background{ background-color:#4D6DB6 }
```

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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