

# Converting Colors

Hex(4F4DBC)

Have a look what the booklet for  
Hex(4F4DBC) contains.

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# Color

**Hex(4F4DBC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4DBC
RGB	79, 77, 188
RGB Percent	31%, 30%, 74%
CMY	0.6902, 0.6980, 0.2627
CMYK	0.58, 0.59, 0.00, 0.26
HSL	241°, 45%, 52%
HSV	241°, 59%, 74%
XYZ	14.9554, 10.6009, 48.8349
YIQ	90.2520, -34.4390, 34.9450

# Conversions

## Conversions Part 2

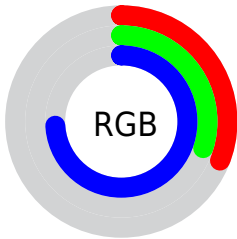
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 77, 188
Decimal	5197244
CIE <sub>Lab</sub>	38.90, 33.30, -58.44
CIE <sub>LCh</sub>	39, 67.257, 299.673
Yxy	10.6009, 0.2010, 0.1425
Android (android.graphics.Color)	4283387324 (0xFF4F4DBC)
YUV	90.2520, 48.1898, -9.8680
Hunter-Lab	32.5590, 25.0129, -66.1373

# Details

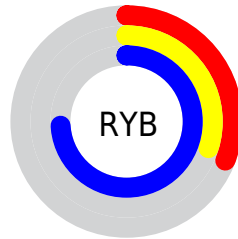
The Hex color **4F4DBC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BABC4D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **897EF5**, and **002086** is the 20% darker color. If you saturate the color by 10%, you get **3D3ABC**, and if you desaturate by 10%, it is **6160BC**.

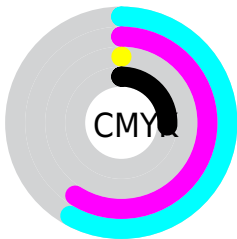
# Distribution



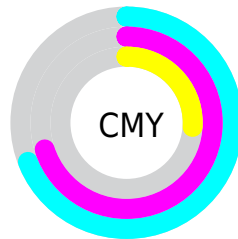
- Red (31%)
- Green (30%)
- Blue (74%)



- Red (31%)
- Yellow (30%)
- Blue (74%)



- Cyan (58%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (70%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4DBC 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 4F4DBC by changing the saturation by 10% instead.



■ 4F4DBC

■ 4F4DBC

FFFFFF

■ 2F36A0

■ 897EF5

■ 002086

■ A698FF

■ 000D6C

■ C3B3FF

■ 000053

■ E1CFFF

■ 00063B

■ FFE8FF

■ 000224

■ 00000C

■ 000000

■ 4F4DBC

■ 4F4DBC

■ 3D3ABC

■ 6160BC

■ 2A27BC

■ 7473BC

■ 1815BC

■ 8685BC

■ 0502BC

■ 9998BC

■ 0300BC

■ ABABBC

■ BEBEBC

■ D0D1BC

■ E3E3BC

■ F5F6BC

# Harmonies

## Analogous

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



0063CB



4F4DBC



9A2994

# Triad

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



4F4DBC



9A4100



007259

# Complementary

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



4F4DBC



BABC4D

# 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.



006F1E



4F4DBC



715900

# Square

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



4F4DBC



B41B29



396800



007291

# Rectangle

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



4F4DBC



B10471



396800



007146



# Sweetspot

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



4F4DBC



CAC9F5



4DBABC



605F7A



FAFAFA



7A7A7A



# Same Dimension

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



4F4DBC



4A47F5



864DBC



5555E



03009E



01001F



# Inverse Universe

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



BC4DBA



F547F2



83BC4D



5E555E



9E009B

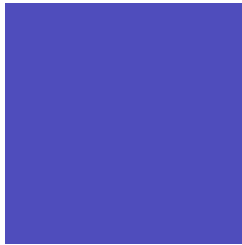


1F001E



# Previews

## White Background



This preview shows how the Hex color 4F4DBC looks on a white background.

## Color Contrast Check

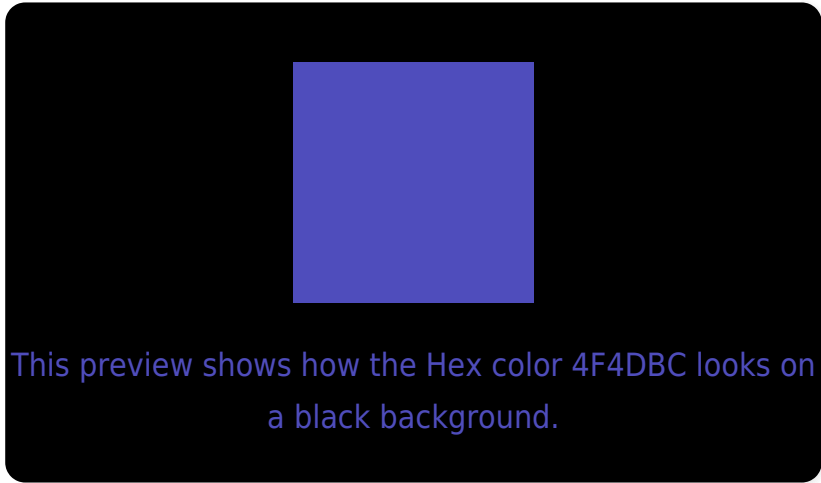
Large Text (above 18pt) WCAG AA ✓ Pass

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

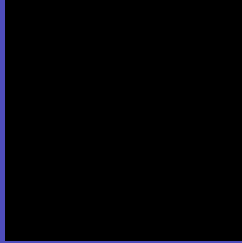
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F4DBC Background



This preview shows how black text looks on a background with the Hex color 4F4DBC.




This preview shows how white text looks on a background with the Hex color 4F4DBC.

# 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**  
2E636B

# Trichromacy



**Original Color**  
4F4DBC

**Protanomaly**  
1D54BB

**Deuteranomaly**  
1D58AB

**Tritanomaly**  
3A5B88

# Monochromacy



**Original Color**  
4F4DBC

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
56557E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4DBC 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 #4F4DBC looks like.

```
.text, #text, p{  
    color:#4F4DBC  
}
```

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 #4F4DBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4DBC
}
```

## Border

The CSS property to change the border of an element to Hex 4F4DBC 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
#4F4DBC }
```

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

```
.border{ border-color:#4F4DBC }
```

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

Here you see how a box with a 4 pixel #4F4DBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4DBC; -webkit-box-shadow:4px 4px  
4px 4px #4F4DBC; box-shadow:4px 4px 4px  
4px #4F4DBC }
```

# Background

The CSS property to change the background color of an element to Hex 4F4DBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4DBC }
```

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

```
.background{ background-color:#4F4DBC }
```

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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