

Converting Colors

Hex(4D44BB)

Have a look what the booklet for
Hex(4D44BB) contains.

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Color

Hex(4D44BB)

Conversions

Conversions Part 1

Format	Color
Hex	4D44BB
RGB	77, 68, 187
RGB Percent	30%, 27%, 73%
CMY	0.6980, 0.7333, 0.2667
CMYK	0.59, 0.64, 0.00, 0.27
HSL	245°, 47%, 50%
HSV	245°, 64%, 73%
XYZ	14.0973, 9.2999, 48.0658
YIQ	84.2570, -32.8350, 38.9170

Conversions

Conversions Part 2

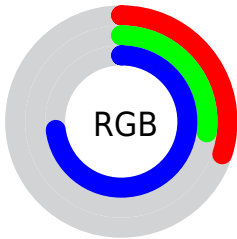
Format	Color
RYB	77, 68, 187
Decimal	5063867
CIELab	36.56, 38.14, -61.67
CIElCh	37, 72.511, 301.732
Yxy	9.2999, 0.1973, 0.1301
Android (android.graphics.Color)	4283253947 (0xFF4D44BB)
YUV	84.2570, 50.6523, -6.3644
Hunter-Lab	30.4957, 29.1482, -72.1028

Details

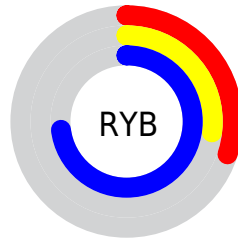
The Hex color **4D44BB** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B2BB44**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8875F4**, and **001785** is the 20% darker color. If you saturate the color by 10%, you get **3C31BB**, and if you desaturate by 10%, it is **5E57BB**.

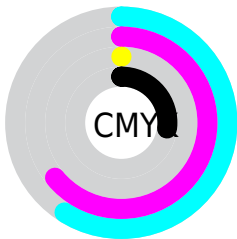
Distribution



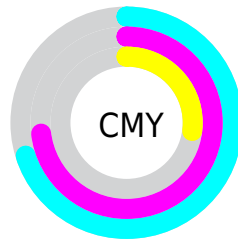
- Red (30%)
- Green (27%)
- Blue (73%)



- Red (30%)
- Yellow (27%)
- Blue (73%)



- Cyan (59%)
- Magenta (64%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D44BB 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 4D44BB by changing the saturation by 10% instead.

■ 4D44BB

■ 4D44BB

FFFFFF

■ 2C2D9F

■ 8875F4

■ 001785

■ A58FFF

■ 00046B

■ C2A9FF

■ 000052

■ E0C5FF

■ 000539

■ FEE1FF

■ 000223

FFFEFF

■ 00000A

■ 000000

■ 4D44BB

■ 4D44BB

■ 3C31BB

■ 5E57BB

■ 2A1FBB

■ 7069BB

■ 190CBB

■ 817CBB

■ 0E00BB

■ 928FBB

■ A3A2BB

■ B5B4BB

■ C6C7BB

■ D7DABB

■ E9ECBB

Harmonies

Analogous

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



005ECD



4D44BB



9B108E

Triad

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



4D44BB



943B00



006D58

Complementary

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



4D44BB



B2BB44

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.



006A17



4D44BB



675500

Square

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



4D44BB



B1001D



286300



006D93

Rectangle

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



4D44BB



B10069



286300



006C43

Sweetspot

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



4D44BB



C8C4F2



44B3BB



605E7A



FAFAFA



7A7A7A

Same Dimension

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



4D44BB



483AF2



8744BB



56555E



0C009E



02001F

Inverse Universe

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



BB44B2



F23AE4



78BB44



5E555E



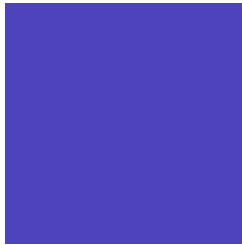
9E0092



1F001C

Previews

White Background



This preview shows how the Hex color 4D44BB looks on a white background.

Color Contrast Check

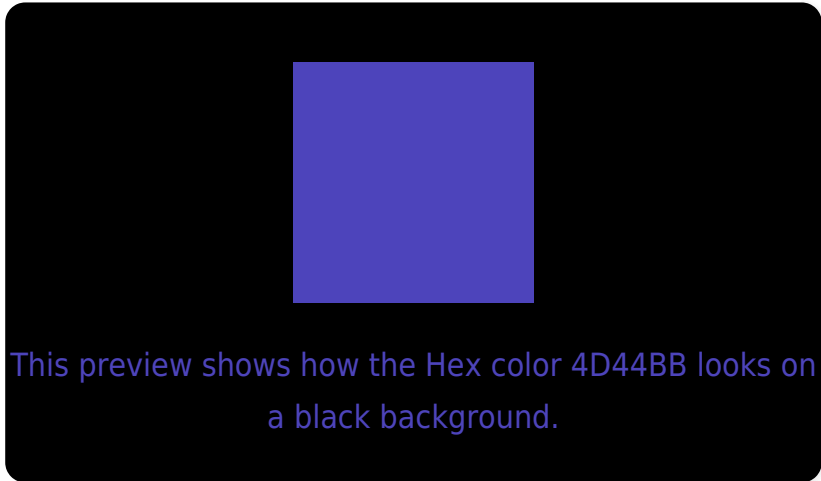
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

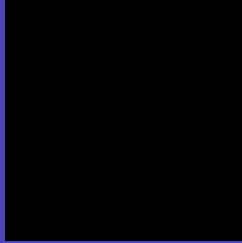
Any Text WCAG AA × Fail

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 4D44BB Background



This preview shows how black text looks on a background with the Hex color 4D44BB.



This preview shows how white text looks on a background with the Hex color 4D44BB.

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
4D44BB

Protanopia
0053AF

Deuteranopia
005897



Tritanopia
285D65

Trichromacy



Original Color
4D44BB

Protanomaly
1C4EB3

Deuteranomaly
1C51A4

Tritanomaly
355484

Monochromacy



Original Color
4D44BB

Achromatopsia
545454

Achromatomaly
514E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D44BB 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 #4D44BB looks like.

```
.text, #text, p{  
    color:#4D44BB  
}
```

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 #4D44BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D44BB
}
```

Border

The CSS property to change the border of an element to Hex 4D44BB 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
#4D44BB }
```

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

```
.border{ border-color:#4D44BB }
```

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

Here you see how a box with a 4 pixel #4D44BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D44BB; -webkit-box-shadow:4px 4px  
4px 4px #4D44BB; box-shadow:4px 4px 4px  
4px #4D44BB }
```

Background

The CSS property to change the background color of an element to Hex 4D44BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D44BB }
```

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

```
.background{ background-color:#4D44BB }
```

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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