

Converting Colors

Hex(4D43B7)

Have a look what the booklet for
Hex(4D43B7) contains.

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Color

Hex(4D43B7)

Conversions

Conversions Part 1

Format	Color
Hex	4D43B7
RGB	77, 67, 183
RGB Percent	30%, 26%, 72%
CMY	0.6980, 0.7373, 0.2824
CMYK	0.58, 0.63, 0.00, 0.28
HSL	245°, 46%, 49%
HSV	245°, 63%, 72%
XYZ	13.6150, 9.0110, 45.8215
YIQ	83.2140, -31.2760, 38.1960

Conversions

Conversions Part 2

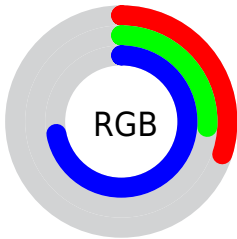
Format	Color
R_{YB}	77, 67, 183
Decimal	5063607
CIE _{Lab}	36.01, 37.45, -60.21
CIE _{LCh}	36, 70.910, 301.883
Yxy	9.0110, 0.1989, 0.1316
Android (android.graphics.Color)	4283253687 (0xFF4D43B7)
YUV	83.2140, 49.1945, -5.4497
Hunter-Lab	30.0183, 28.4276, -69.4904

Details

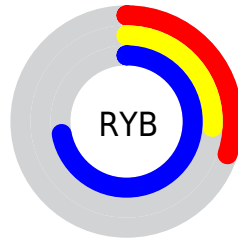
The Hex color **4D43B7** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ADB743**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8774F0**, and **001781** is the 20% darker color. If you saturate the color by 10%, you get **3C31B7**, and if you desaturate by 10%, it is **5E55B7**.

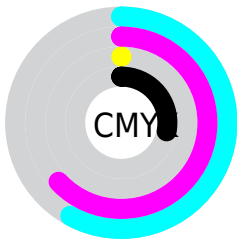
Distribution



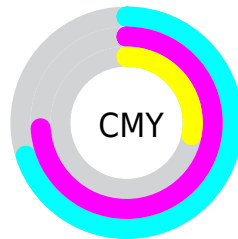
- Red (30%)
- Green (26%)
- Blue (72%)



- Red (30%)
- Yellow (26%)
- Blue (72%)



- Cyan (58%)
- Magenta (63%)
- Yellow (0%)
- Black (28%)



- Cyan (70%)
- Magenta (74%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D43B7 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 4D43B7 by changing the saturation by 10% instead.

■ 4D43B7

■ 4D43B7

FFFFFF

■ 2D2C9C

■ 8774F0

■ 001781

■ A48EFF

■ 000267

■ C2A8FF

■ 00004E

■ DFC4FF

■ 000536

■ FDE0FF

■ 000220

■ FFFCFF

■ 000004

■ 000000

■ 4D43B7

■ 4D43B7

■ 3C31B7

■ 5E55B7

■ 2C1EB7

■ 6E68B7

■ 1B0CB7

■ 7F7AB7

■ 1000B7

■ 908CB7

■ A19FB7

■ B1B1B7

■ C2C3B7

■ D3D5B7

■ E4E8B7

Harmonies

Analogous

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



005CC9



4D43B7



98128B

Triad

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



4D43B7



913B00



006B57

Complementary

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



4D43B7



ADB743

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.



006818



4D43B7



655400

Square

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



4D43B7



AD011C



286200



006B90

Rectangle

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



4D43B7



AE0067



286200



006A43

Sweetspot

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



4D43B7



C4C0ED



43ADB7



5F5C78



F7F7F7



787878

Same Dimension

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



4D43B7



4839ED



8743B7



53535C



0D009C



02001C

Inverse Universe

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



B743AD



ED39DE



73B743



5C535B



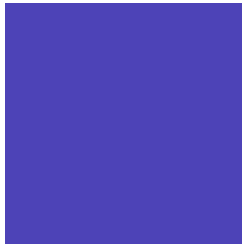
9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 4D43B7 looks on a white background.

Color Contrast Check

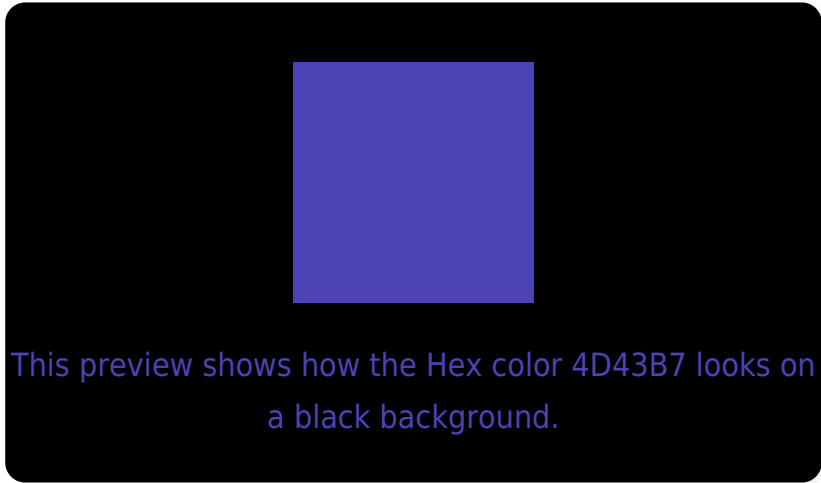
Large Text (above 18pt) WCAG AA ✓ Pass

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

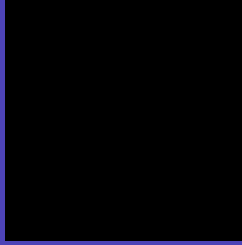
Any Text WCAG AA × Fail

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 4D43B7 Background



This preview shows how black text looks on a background with the Hex color 4D43B7.

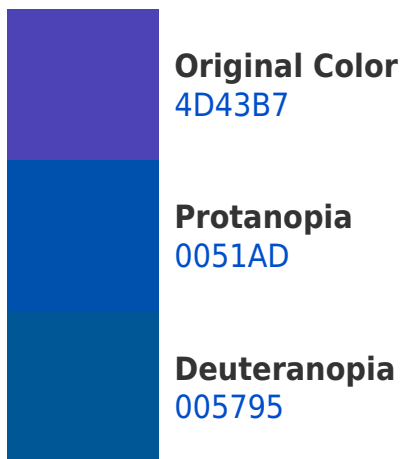


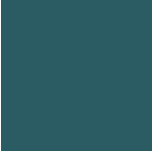
This preview shows how white text looks on a background with the Hex color 4D43B7.

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](#).

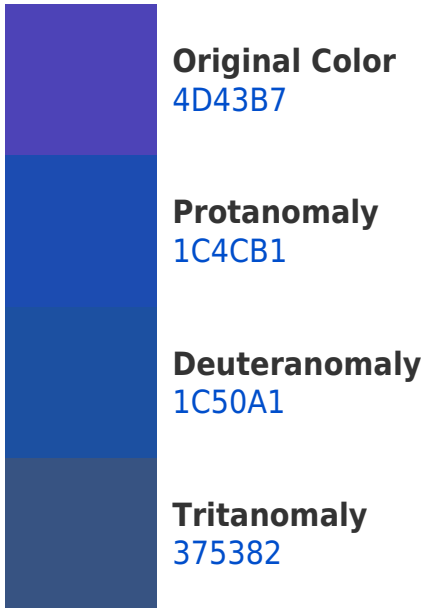
Dichromacy



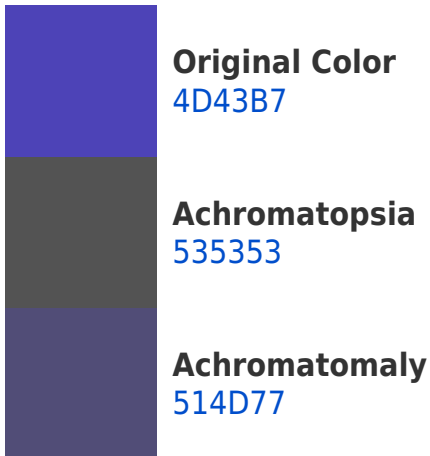


Tritanopia
2B5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D43B7 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 #4D43B7 looks like.

```
.text, #text, p{  
    color:#4D43B7  
}
```

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 #4D43B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D43B7
}
```

Border

The CSS property to change the border of an element to Hex 4D43B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

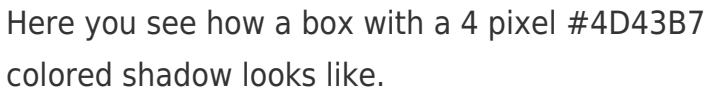
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D43B7 }
```

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

```
.border{ border-color:#4D43B7 }
```

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



Here you see how a box with a 4 pixel #4D43B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D43B7; -webkit-box-shadow:4px 4px  
4px 4px #4D43B7; box-shadow:4px 4px 4px  
4px #4D43B7 }
```

Background

The CSS property to change the background color of an element to Hex 4D43B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D43B7 }
```

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

```
.background{ background-color:#4D43B7 }
```

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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