

# Converting Colors

Hex(4A52D1)

Have a look what the booklet for  
Hex(4A52D1) contains.

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# Color

**Hex(4A52D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A52D1
RGB	74, 82, 209
RGB Percent	29%, 32%, 82%
CMY	0.7098, 0.6784, 0.1804
CMYK	0.65, 0.61, 0.00, 0.18
HSL	236°, 59%, 55%
HSV	236°, 65%, 82%
XYZ	17.3500, 12.0939, 61.7415
YIQ	94.0860, -45.5350, 37.8010

# Conversions

## Conversions Part 2

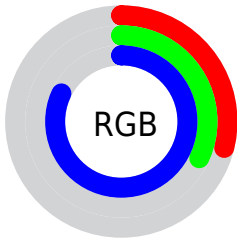
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 82, 209
Decimal	4870865
CIE <sub>Lab</sub>	41.36, 36.37, -66.63
CIE <sub>LCh</sub>	41, 75.914, 298.626
Yxy	12.0939, 0.1903, 0.1326
Android (android.graphics.Color)	4283060945 (0xFF4A52D1)
YUV	94.0860, 56.6526, -17.6154
Hunter-Lab	34.7763, 28.1956, -80.9196

# Details

The Hex color **4A52D1** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D1C94A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8884FF**, and **002599** is the 20% darker color. If you saturate the color by 10%, you get **353ED1**, and if you desaturate by 10%, it is **5F66D1**.

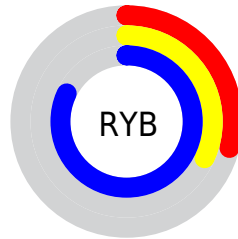
# Distribution



Red (29%)

Green (32%)

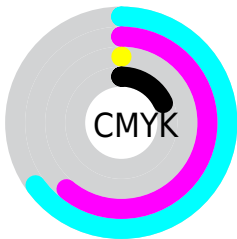
Blue (82%)



Red (29%)

Yellow (32%)

Blue (82%)

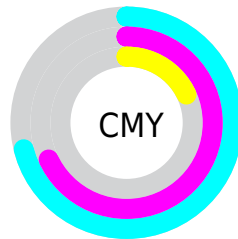


Cyan (65%)

Magenta (61%)

Yellow (0%)

Black (18%)



Cyan (71%)

Magenta (68%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A52D1 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 4A52D1 by changing the saturation by 10% instead.



■ 4A52D1

■ 4A52D1

FFFFFF

■ 233BB5

■ 8884FF

■ 002599

■ A69EFF

■ 00127F

■ C4B9FF

■ 000065

■ E2D4FF

■ 00094C

■ FFF1FF

■ 000434

■ 00021E

■ 000000

■ 4A52D1

■ 4A52D1

■ 353ED1

■ 5F66D1

■ 202BD1

■ 7479D1

■ 0B17D1

■ 898DD1

■ 000CD1

■ 9EA1D1

■ B3B4D1

■ C7C8D1

■ DCDCD1

■ F1EFD1

■ FFFFD1

# Harmonies

## Analogous

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



006BE1



4A52D1



A624A4

# Triad

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



4A52D1



A84100



007A5D

# Complementary

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



4A52D1



D1C94A

# 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.



007716



4A52D1



7A5E00

# Square

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



4A52D1



C5012A



3B6F00



007B9C

# Rectangle

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



4A52D1



C1007C



3B6F00



007947



# Sweetspot

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



4A52D1



CFD1FF



4AD1C8



626480



000000



808080



# Same Dimension

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



4A52D1



3844FF



854AD1



5E5F69



000AA8



000229



# Inverse Universe

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



D14A52



FF3844



97D14A



695E5F



A8000A

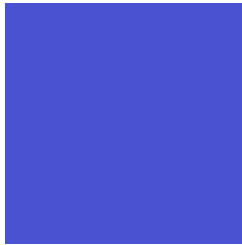


290002



# Previews

## White Background



This preview shows how the Hex color 4A52D1 looks on a white background.

## Color Contrast Check

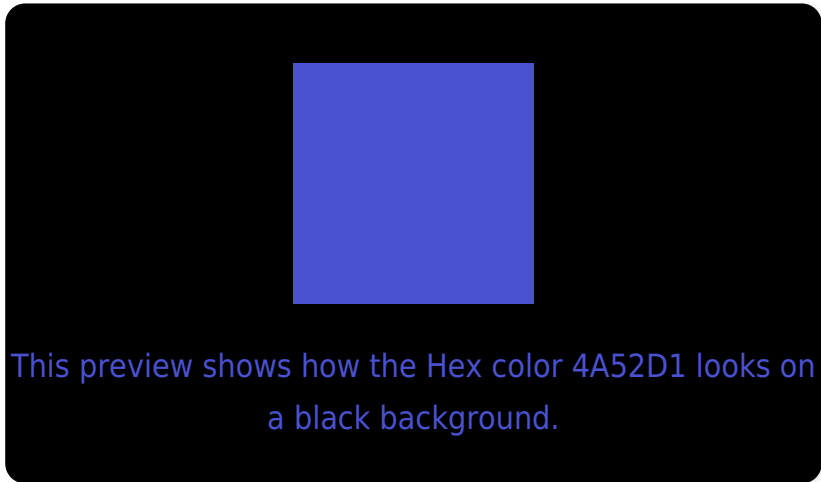
Large Text (above 18pt) WCAG AA ✓ Pass

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

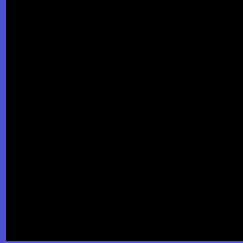
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A52D1 Background



This preview shows how black text looks on a background with the Hex color 4A52D1.

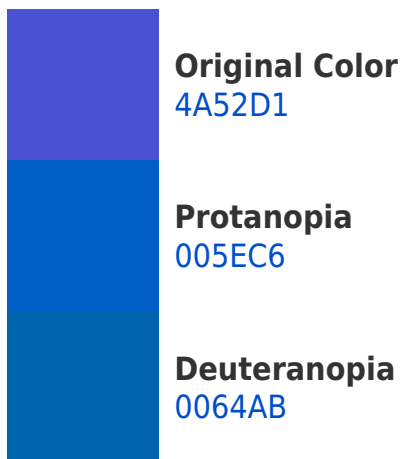


This preview shows how white text looks on a background with the Hex color 4A52D1.

# 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](#).

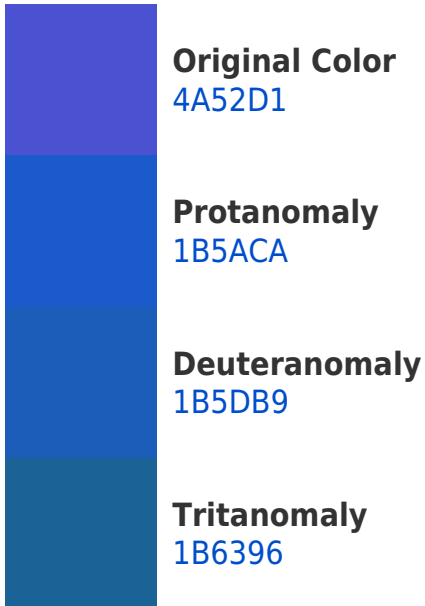
## Dichromacy





**Tritanopia**  
006C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A52D1 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 #4A52D1 looks like.

```
.text, #text, p{  
    color:#4A52D1  
}
```

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 #4A52D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A52D1
}
```

## Border

The CSS property to change the border of an element to Hex 4A52D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

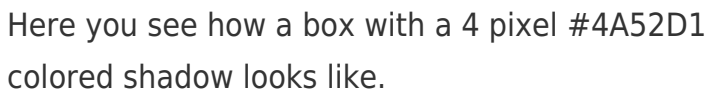
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A52D1 }
```

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

```
.border{ border-color:#4A52D1 }
```

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



Here you see how a box with a 4 pixel #4A52D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A52D1; -webkit-box-shadow:4px 4px  
4px 4px #4A52D1; box-shadow:4px 4px 4px  
4px #4A52D1 }
```

# Background

The CSS property to change the background color of an element to Hex 4A52D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A52D1 }
```

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

```
.background{ background-color:#4A52D1 }
```

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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