

# Converting Colors

Hex(4548B6)

Have a look what the booklet for  
Hex(4548B6) contains.

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# Color

**Hex(4548B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4548B6
RGB	69, 72, 182
RGB Percent	27%, 28%, 71%
CMY	0.7294, 0.7176, 0.2863
CMYK	0.62, 0.60, 0.00, 0.29
HSL	238°, 45%, 49%
HSV	238°, 62%, 71%
XYZ	13.2151, 9.2773, 45.3502
YIQ	83.6430, -37.0980, 33.5740

# Conversions

## Conversions Part 2

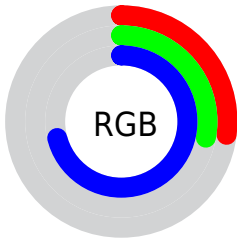
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 72, 182
Decimal	4540598
CIE <sub>Lab</sub>	36.51, 32.68, -58.82
CIE <sub>LCh</sub>	37, 67.290, 299.056
Yxy	9.2773, 0.1948, 0.1367
Android (android.graphics.Color)	4282730678 (0xFF4548B6)
YUV	83.6430, 48.4900, -12.8419
Hunter-Lab	30.4587, 24.1429, -66.9561

# Details

The Hex color **4548B6** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B6B345**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8079EF**, and **001C80** is the 20% darker color. If you saturate the color by 10%, you get **3336B6**, and if you desaturate by 10%, it is **575AB6**.

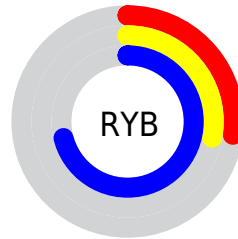
# Distribution



Red (27%)

Green (28%)

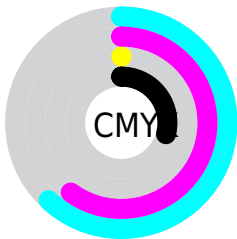
Blue (71%)



Red (27%)

Yellow (28%)

Blue (71%)

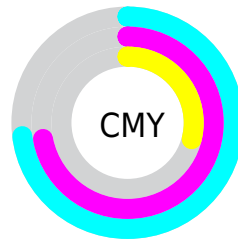


Cyan (62%)

Magenta (60%)

Yellow (0%)

Black (29%)



Cyan (73%)

Magenta (72%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4548B6 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 4548B6 by changing the saturation by 10% instead.



 4548B6

 4548B6

FFFFFF

 22319B

 8079EF

 001C80

 9D92FF

 000966

 BAADFF

 00004D

 D8C9FF

 000535

 F6E5FF

 00021F

 000003

 000000

 4548B6

 4548B6

■ 3336B6

■ 575AB6

■ 2125B6

■ 696BB6

■ 0E13B6

■ 7C7DB6

■ 0005B6

■ 8E8FB6

■ A0A1B6

■ B2B2B6

■ C4C4B6

■ D7D6B6

■ E9E7B6

# Harmonies

## Analogous

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



005EC4



4548B6



92228F

# Triad

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



4548B6



933B00



006B53

# Complementary

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



4548B6



B6B345

# 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.



006816



4548B6



6B5300

# Square

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



4548B6



AD0E25



346100



006C8A

# Rectangle

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



4548B6



A9006C



346100



006B3F



# Sweetspot

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



4548B6



C0C1ED



45B6B2



5C5D78



F7F7F7



787878



# Same Dimension

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



4548B6



3B40ED



7A45B6



53535C



00049C



00011C



# Inverse Universe

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



B64548



ED3B40



81B645



5C5353



9C0004

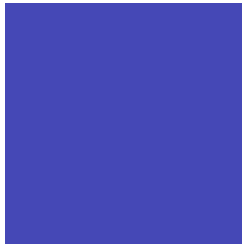


1C0001



# Previews

## White Background



This preview shows how the Hex color 4548B6 looks on a white background.

## Color Contrast Check

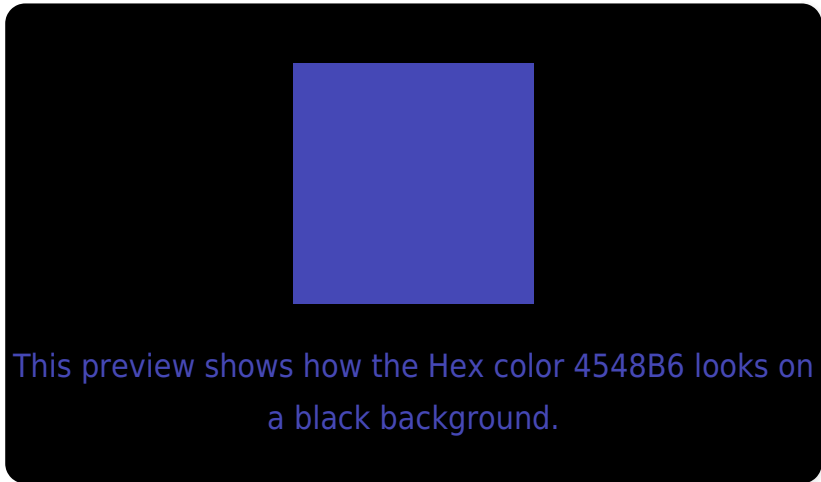
Large Text (above 18pt) WCAG AA ✓ Pass

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

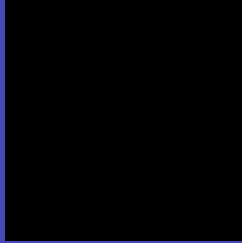
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4548B6 Background



This preview shows how black text looks on a background with the Hex color 4548B6.

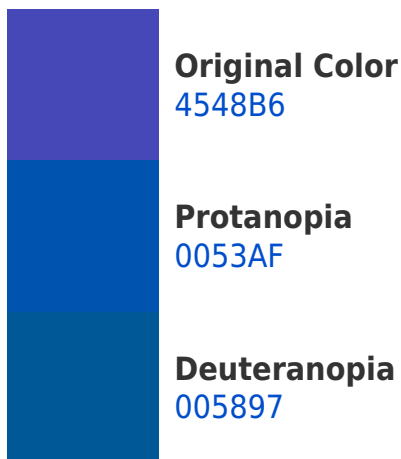



This preview shows how white text looks on a background with the Hex color 4548B6.

# 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](#).

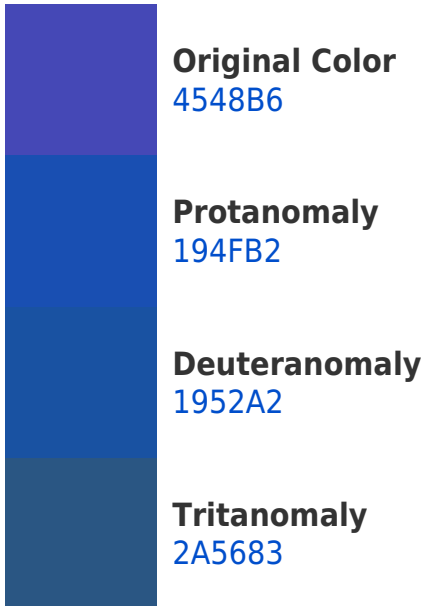
## Dichromacy





**Tritanopia**  
1A5E66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4548B6 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 #4548B6 looks like.

```
.text, #text, p{  
    color:#4548B6  
}
```

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 #4548B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4548B6
}
```

## Border

The CSS property to change the border of an element to Hex 4548B6 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".

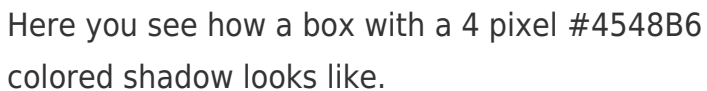
```
.border, #border, table{ border:4px solid
#4548B6 }
```

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

```
.border{ border-color:#4548B6 }
```

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

Here you see how a box with a 4 pixel #4548B6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4548B6; -webkit-box-shadow:4px 4px  
4px 4px #4548B6; box-shadow:4px 4px 4px  
4px #4548B6 }
```

# Background

The CSS property to change the background color of an element to Hex 4548B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4548B6 }
```

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

```
.background{ background-color:#4548B6 }
```

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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