

# Converting Colors

Hex(4543BC)

Have a look what the booklet for  
Hex(4543BC) contains.

<b>Hex(4543BC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4543BC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4543BC
RGB	69, 67, 188
RGB Percent	27%, 26%, 74%
CMY	0.7294, 0.7373, 0.2627
CMYK	0.63, 0.64, 0.00, 0.26
HSL	241°, 47%, 50%
HSV	241°, 64%, 74%
XYZ	13.5385, 8.9104, 48.5833
YIQ	81.3920, -37.6490, 38.0550

# Conversions

## Conversions Part 2

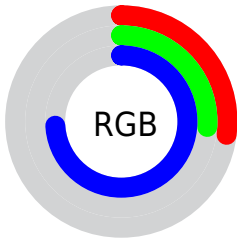
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 67, 188
Decimal	4539324
CIE <sub>Lab</sub>	35.81, 37.80, -63.50
CIE <sub>LCh</sub>	36, 73.899, 300.765
Yxy	8.9104, 0.1906, 0.1254
Android (android.graphics.Color)	4282729404 (0xFF4543BC)
YUV	81.3920, 52.5577, -10.8678
Hunter-Lab	29.8502, 28.7204, -75.6033

# Details

The Hex color **4543BC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BABC43**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8274F5**, and **001786** is the 20% darker color. If you saturate the color by 10%, you get **3330BC**, and if you desaturate by 10%, it is **5756BC**.

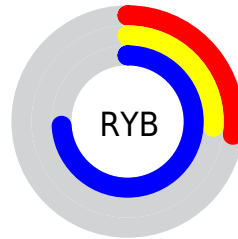
# Distribution



Red (27%)

Green (26%)

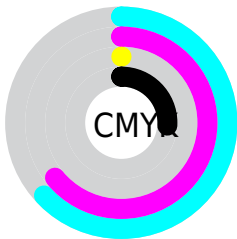
Blue (74%)



Red (27%)

Yellow (26%)

Blue (74%)

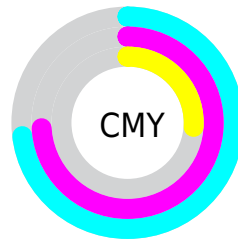


Cyan (63%)

Magenta (64%)

Yellow (0%)

Black (26%)



Cyan (73%)

Magenta (74%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4543BC 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 4543BC by changing the saturation by 10% instead.



■ 4543BC

■ 4543BC

FFFFFF

■ 202CA0

■ 8274F5

■ 001786

■ 9F8DFF

■ 00036B

■ BCA8FF

■ 000052

■ DAC3FF

■ 00063A

■ F8DFFF

■ 000224

■ FFFCFF

■ 00000B

■ 000000

■ 4543BC

■ 4543BC

■ 3330BC

■ 5756BC

■ 201DBC

■ 6A69BC

■ 0E0BBC

■ 7C7BBC

■ 0300BC

■ 8F8EBC

■ A1A1BC

■ B4B4BC

■ C6C7BC

■ D9D9BC

■ EBECBC

# Harmonies

## Analogous

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



005DCD



4543BC



99098F

# Triad

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



4543BC



933700



006B54

# Complementary

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



4543BC



BABC43

# 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.



006810



4543BC



665300

# Square

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



4543BC



B0001C



276100



006C90

# Rectangle

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



4543BC



B00069



276100



006A3F



# Sweetspot

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



4543BC



C7C6F5



43BCBC



5F5E7A



FAFAFA



7A7A7A



# Same Dimension

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



4543BC



3B38F5



8043BC



55555E



03009E



01001F



# Inverse Universe

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



BC43BA



F538F2



80BC43



5E555E



9E009B

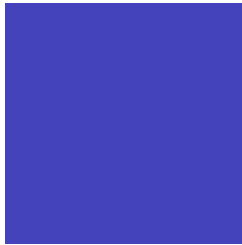


1F001E



# Previews

## White Background



This preview shows how the Hex color 4543BC looks on a white background.

## Color Contrast Check

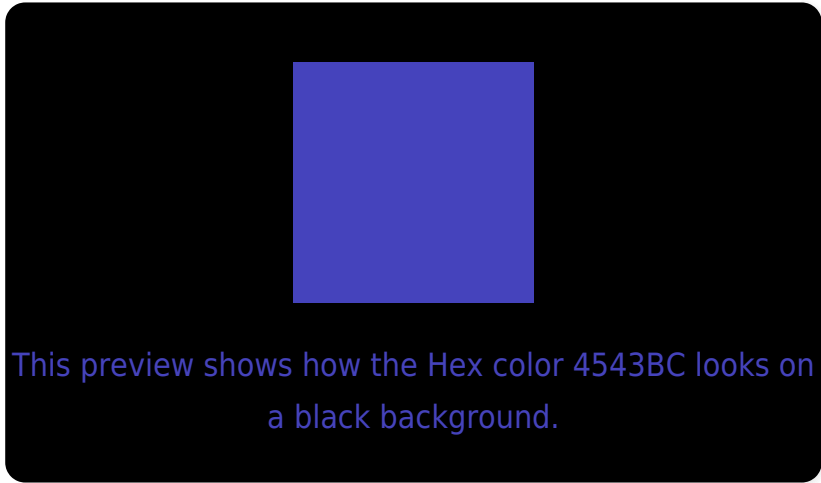
Large Text (above 18pt) WCAG AA ✓ Pass

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

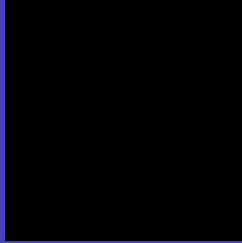
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4543BC Background



This preview shows how black text looks on a background with the Hex color 4543BC.

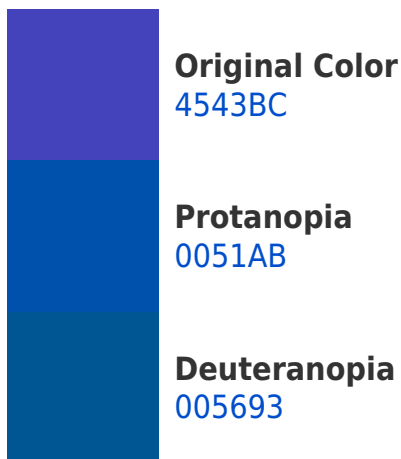


This preview shows how white text looks on a background with the Hex color 4543BC.

# 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](#).

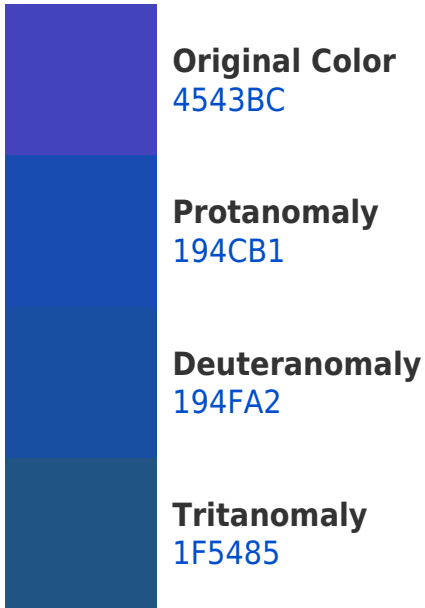
## Dichromacy



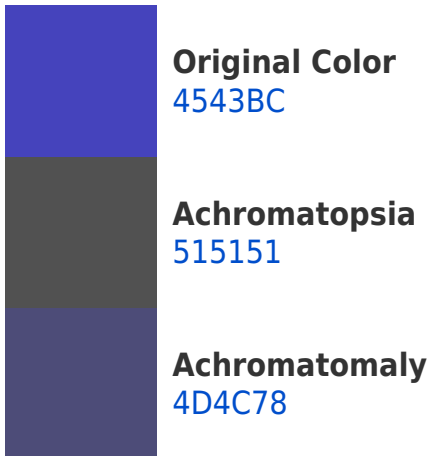


**Tritanopia**  
095D65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4543BC 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 #4543BC looks like.

```
.text, #text, p{  
    color:#4543BC  
}
```

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 #4543BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4543BC
}
```

## Border

The CSS property to change the border of an element to Hex 4543BC 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
#4543BC }
```

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

```
.border{ border-color:#4543BC }
```

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

Here you see how a box with a 4 pixel #4543BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4543BC; -webkit-box-shadow:4px 4px  
4px 4px #4543BC; box-shadow:4px 4px 4px  
4px #4543BC }
```

# Background

The CSS property to change the background color of an element to Hex 4543BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4543BC }
```

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

```
.background{ background-color:#4543BC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor