

# Converting Colors

Hex(5344BD)

Have a look what the booklet for  
Hex(5344BD) contains.

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# Color

**Hex(5344BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5344BD
RGB	83, 68, 189
RGB Percent	33%, 27%, 74%
CMY	0.6745, 0.7333, 0.2588
CMYK	0.56, 0.64, 0.00, 0.26
HSL	247°, 48%, 50%
HSV	247°, 64%, 74%
XYZ	14.8197, 9.6474, 49.2252
YIQ	86.2790, -29.9010, 40.8110

# Conversions

## Conversions Part 2

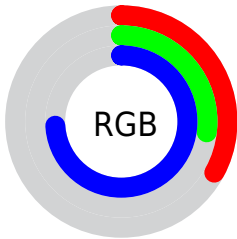
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 68, 189
Decimal	5457085
CIE Lab	37.20, 39.80, -61.77
CIE LCh	37, 73.481, 302.791
Yxy	9.6474, 0.2011, 0.1309
Android (android.graphics.Color)	4283647165 (0xFF5344BD)
YUV	86.2790, 50.6415, -2.8757
Hunter-Lab	31.0602, 30.8121, -72.2224

# Details

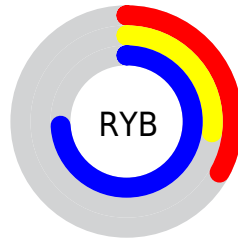
The Hex color **5344BD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AEBD44**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8D75F6**, and **011787** is the 20% darker color. If you saturate the color by 10%, you get **4231BD**, and if you desaturate by 10%, it is **6457BD**.

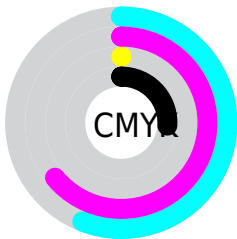
# Distribution



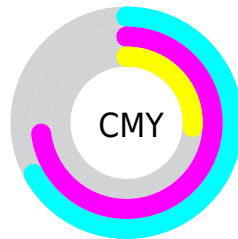
- Red (33%)
- Green (27%)
- Blue (74%)



- Red (33%)
- Yellow (27%)
- Blue (74%)



- Cyan (56%)
- Magenta (64%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (73%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5344BD 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 5344BD by changing the saturation by 10% instead.



■ 5344BD

■ 5344BD

FFFFFF

■ 332DA1

■ 8D75F6

■ 011787

■ AB8FFF

■ 00036C

■ C8AFFF

■ 000053

■ E6C5FF

■ 00063B

■ FFE1FF

■ 000224

FFFEFF

■ 00000D

■ 000000

■ 5344BD

■ 5344BD

■ 4231BD

■ 6457BD

■ 321EBD

■ 746ABD

■ 210BBD

■ 857DBD

■ 1700BD

■ 9590BD

■ A6A3BD

■ B6B5BD

■ C7C8BD

■ D7DBBD

■ E8EEBD

# Harmonies

## Analogous

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



005FD0



5344BD



9F0C8F

# Triad

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



5344BD



953D00



006F5C

# Complementary

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



5344BD



AEBD44

# 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.



006C1A



5344BD



675700

# Square

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



5344BD



B3001B



256500



006F97

# Rectangle

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



5344BD



B50069



256500



006E47



# Sweetspot

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



5344BD



CCC6F5



44AFBD



625E7A



FAFAFA



7A7A7A



# Same Dimension

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



5344BD



5038F5



8F44BD



56555E



14009E



04001F



# Inverse Universe

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



BD44AE



F538DD



72BD44



5E555D



9E008B

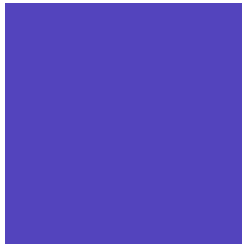


1F001B



# Previews

## White Background



This preview shows how the Hex color 5344BD looks on a white background.

## Color Contrast Check

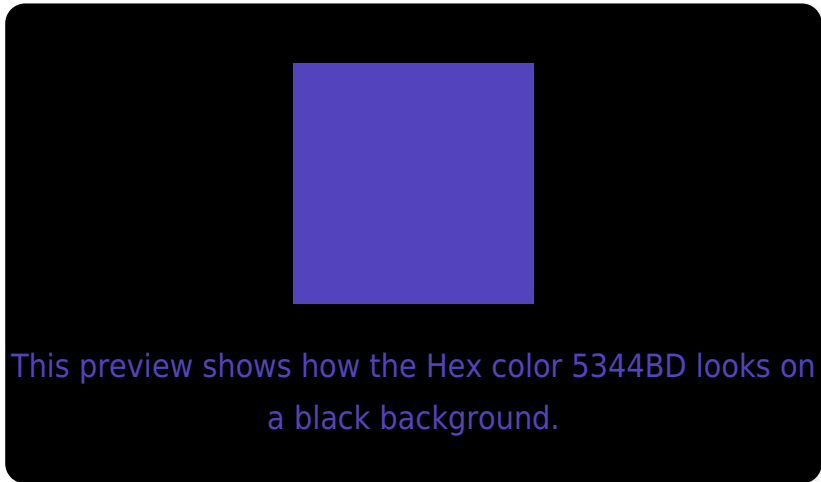
Large Text (above 18pt) WCAG AA ✓ Pass

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

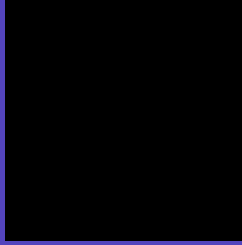
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5344BD Background



This preview shows how black text looks on a background with the Hex color 5344BD.

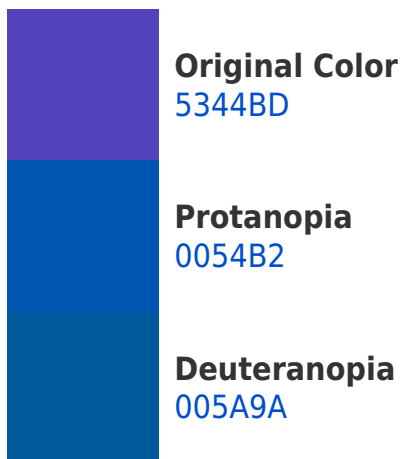



This preview shows how white text looks on a background with the Hex color 5344BD.

# 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](#).

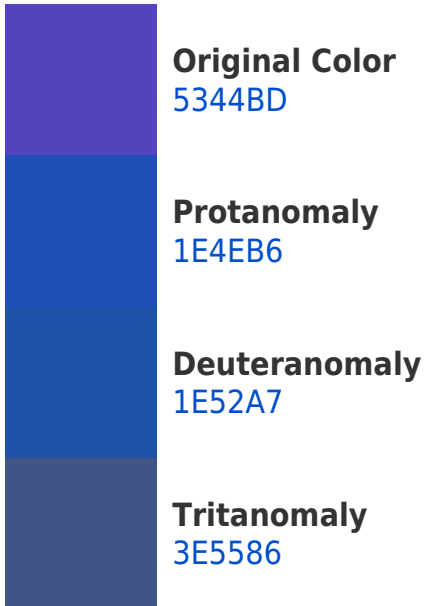
## Dichromacy



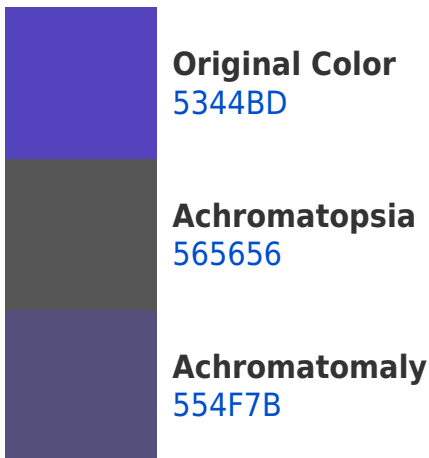


**Tritanopia**  
325E66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5344BD 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 #5344BD looks like.

```
.text, #text, p{  
    color:#5344BD  
}
```

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 #5344BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5344BD
}
```

## Border

The CSS property to change the border of an element to Hex 5344BD 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".

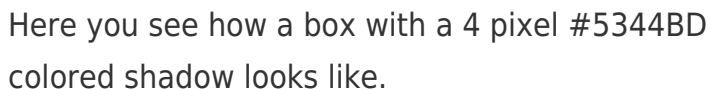
```
.border, #border, table{ border:4px solid
#5344BD }
```

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

```
.border{ border-color:#5344BD }
```

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

Here you see how a box with a 4 pixel #5344BD 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 #5344BD; -webkit-box-shadow:4px 4px  
4px 4px #5344BD; box-shadow:4px 4px 4px  
4px #5344BD }
```

# Background

The CSS property to change the background color of an element to Hex 5344BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5344BD }
```

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

```
.background{ background-color:#5344BD }
```

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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