

# Converting Colors

Hex(5249BE)

Have a look what the booklet for  
Hex(5249BE) contains.

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# Color

Hex(5249BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	5249BE
RGB	82, 73, 190
RGB Percent	32%, 29%, 75%
CMY	0.6784, 0.7137, 0.2549
CMYK	0.57, 0.62, 0.00, 0.25
HSL	245°, 47%, 52%
HSV	245°, 62%, 75%
XYZ	15.1565, 10.2766, 49.9000
YIQ	89.0290, -32.1930, 38.2950

# Conversions

## Conversions Part 2

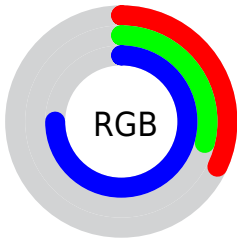
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 73, 190
Decimal	5392830
CIE <sub>Lab</sub>	38.33, 36.94, -60.52
CIE <sub>LCh</sub>	38, 70.899, 301.399
Yxy	10.2766, 0.2012, 0.1364
Android (android.graphics.Color)	4283582910 (0xFF5249BE)
<b>YUV</b>	89.0290, 49.7787, -6.1644
Hunter-Lab	32.0572, 28.2939, -69.8503

# Details

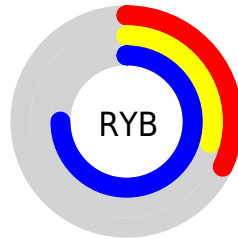
The Hex color **5249BE** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B5BE49**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8C7AF7**, and **001C87** is the 20% darker color. If you saturate the color by 10%, you get **4036BE**, and if you desaturate by 10%, it is **645CBE**.

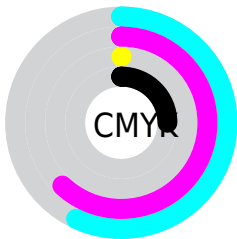
# Distribution



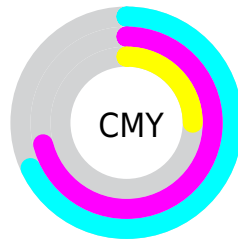
- Red (32%)
- Green (29%)
- Blue (75%)



- Red (32%)
- Yellow (29%)
- Blue (75%)



- Cyan (57%)
- Magenta (62%)
- Yellow (0%)
- Black (25%)



- Cyan (68%)
- Magenta (71%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5249BE 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 5249BE by changing the saturation by 10% instead.



■ 5249BE

■ 5249BE

FFFFFF

■ 3232A2

■ 8C7AF7

■ 001C87

■ A994FF

■ 00086D

■ C7AFFF

■ 000054

■ E4CBFF

■ 00063C

■ FFE7FF

■ 000225

■ 00010E

■ 000000

■ 5249BE

■ 5249BE

■ 4036BE

■ 645CBE

■ 2F23BE

■ 756FBE

■ 1D10BE

■ 8782BE

■ 0F00BE

■ 9895BE

■ AAA8BE

■ BBBBBE

■ CDCEBE

■ DEE1BE

■ F0F4BE

# Harmonies

## Analogous

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



0062CF



5249BE



9E1D92

# Triad

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



5249BE



984000



00715C

# Complementary

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



5249BE



B5BE49

# 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.



006E1C



5249BE



6D5900

# Square

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



5249BE



B51022



306700



007295

# Rectangle

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



5249BE



B5006D



306700



007047



# Sweetspot

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



5249BE



CECBF7



49B6BE



64617D



FCFCFC



7D7D7D



# Same Dimension

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



5249BE



4E40F7



8B49BE



56555E



0C009E



02001F



# Inverse Universe

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



BE49B5



F740E9



7CBE49



5E555E



9E0092

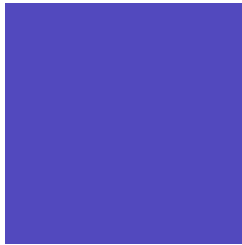


1F001C



# Previews

## White Background



This preview shows how the Hex color 5249BE looks on a white background.

## Color Contrast Check

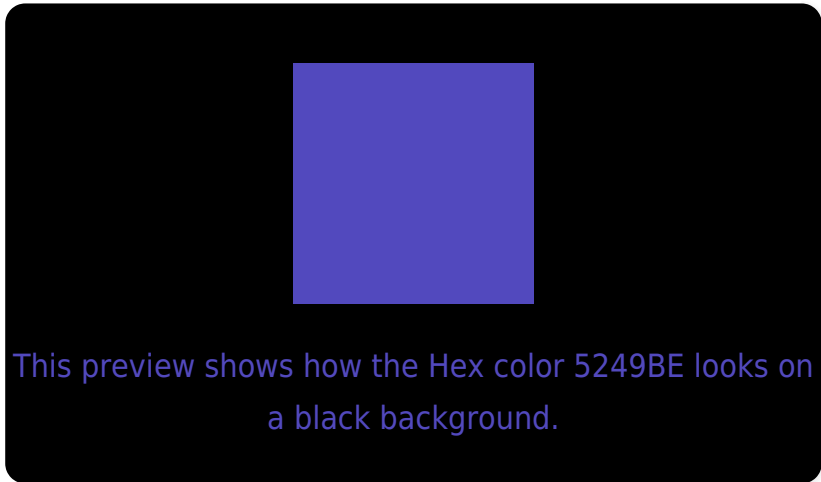
Large Text (above 18pt) WCAG AA ✓ Pass

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

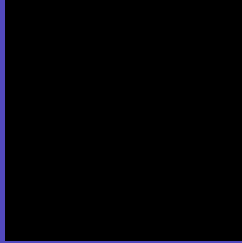
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5249BE Background



This preview shows how black text looks on a background with the Hex color 5249BE.



This preview shows how white text looks on a background with the Hex color 5249BE.

# 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](#).

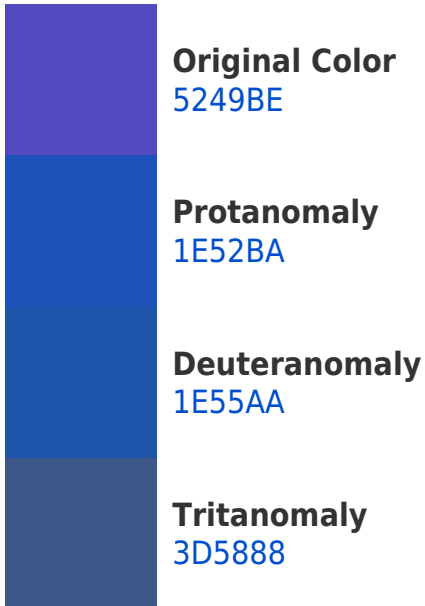
## Dichromacy





**Tritanopia**  
316169

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5249BE 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 #5249BE looks like.

```
.text, #text, p{  
    color:#5249BE  
}
```

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 #5249BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5249BE
}
```

## Border

The CSS property to change the border of an element to Hex 5249BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

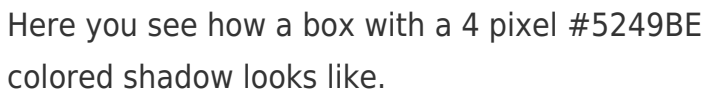
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5249BE }
```

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

```
.border{ border-color:#5249BE }
```

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



Here you see how a box with a 4 pixel #5249BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5249BE; -webkit-box-shadow:4px 4px  
4px 4px #5249BE; box-shadow:4px 4px 4px  
4px #5249BE }
```

# Background

The CSS property to change the background color of an element to Hex 5249BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5249BE }
```

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

```
.background{ background-color:#5249BE }
```

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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