

# Converting Colors

Hex(3259BE)

Have a look what the booklet for  
Hex(3259BE) contains.

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# Color

Hex(3259BE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3259BE
RGB	50, 89, 190
RGB Percent	20%, 35%, 75%
CMY	0.8039, 0.6510, 0.2549
CMYK	0.74, 0.53, 0.00, 0.25
HSL	223°, 58%, 47%
HSV	223°, 74%, 75%
XYZ	14.1820, 11.5406, 50.1953
YIQ	88.8530, -55.6650, 23.1430

# Conversions

## Conversions Part 2

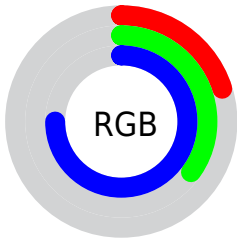
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	50, 81, 190
Decimal	3299774
CIE Lab	40.48, 21.77, -57.13
CIE LCh	40, 61.133, 290.856
Yxy	11.5406, 0.1868, 0.1520
Android (android.graphics.Color)	4281489854 (0xFF3259BE)
YUV	88.8530, 49.8655, -34.0741
Hunter-Lab	33.9714, 15.0683, -63.8254

# Details

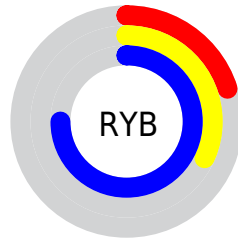
The Hex color **3259BE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BE9732**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **738AF7**, and **002D88** is the 20% darker color. If you saturate the color by 10%, you get **1F4BBE**, and if you desaturate by 10%, it is **4567BE**.

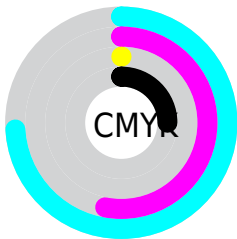
# Distribution



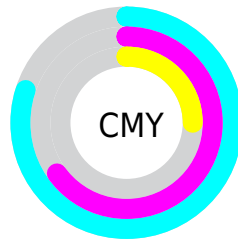
- Red (20%)
- Green (35%)
- Blue (75%)



- Red (20%)
- Yellow (32%)
- Blue (75%)



- Cyan (74%)
- Magenta (53%)
- Yellow (0%)
- Black (25%)



- Cyan (80%)
- Magenta (65%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3259BE 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 3259BE by changing the saturation by 10% instead.



 3259BE

 3259BE

FFFFFF

 0042A2

 738AF7

 002D88

 90A5FF

 00196E

 AEC0FF

 000055

 CCDBFF

 00063C

 EAF8FF

 000226

 00010F

 000000

 3259BE

 3259BE

■ 1F4BBE

■ 4567BE

■ 0C3EBE

■ 5874BE

■ 0035BE

■ 6B82BE

■ 7E90BE

■ 919EBE

■ A4ABBE

■ B7B9BE

■ CAC7BE

■ DDD4BE

# Harmonies

## Analogous

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



006AC3



3259BE



8B3F9F

# Triad

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



3259BE



A3400D



00744E

# Complementary

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



3259BE



BE9732

# 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.



007018



3259BE



815800

# Square

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



3259BE



B5253F



536700



007582

# Rectangle

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



3259BE



A72B81



536700



00733C



# Sweetspot

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



3259BE



C1D0F7



32BE96



5C667D



FCFCFC



7D7D7D



# Same Dimension

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



3259BE



1E5AF7



5032BE



55585E



002C9E



00091F



# Inverse Universe

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



BE3259



F71E5A



A0BE32



5E5558



9E002C



1F0009



# Previews

## White Background



This preview shows how the Hex color 3259BE looks on a white background.

## Color Contrast Check

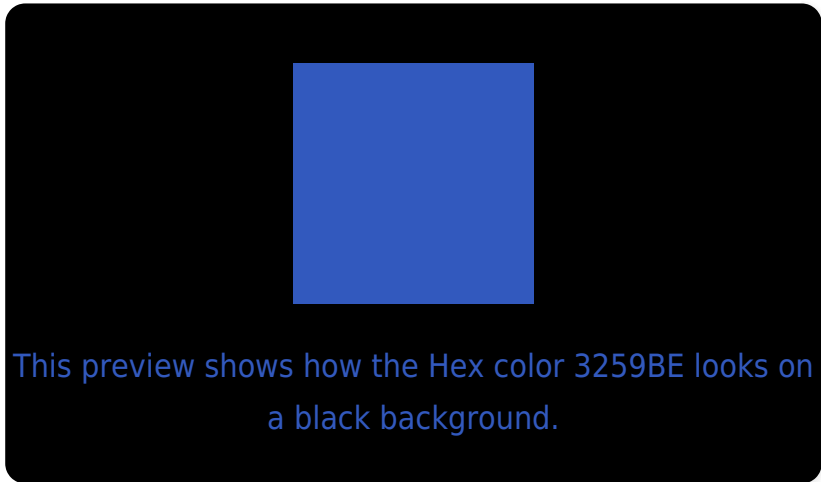
Large Text (above 18pt) WCAG AA ✓ Pass

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

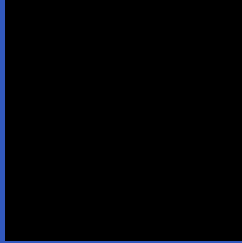
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3259BE Background



This preview shows how black text looks on a background with the Hex color 3259BE.



This preview shows how white text looks on a background with the Hex color 3259BE.

# 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**  
006971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3259BE 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 #3259BE looks like.

```
.text, #text, p{  
    color:#3259BE  
}
```

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 #3259BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3259BE
}
```

## Border

The CSS property to change the border of an element to Hex 3259BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

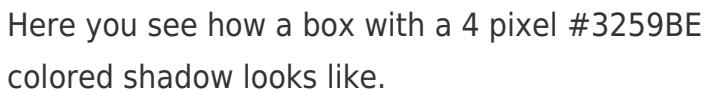
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3259BE }
```

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

```
.border{ border-color:#3259BE }
```

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



Here you see how a box with a 4 pixel #3259BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3259BE; -webkit-box-shadow:4px 4px  
4px 4px #3259BE; box-shadow:4px 4px 4px  
4px #3259BE }
```

# Background

The CSS property to change the background color of an element to Hex 3259BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3259BE }
```

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

```
.background{ background-color:#3259BE }
```

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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