

# Converting Colors

Hex(3749C8)

Have a look what the booklet for  
Hex(3749C8) contains.

<b>Hex(3749C8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3749C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3749C8
RGB	55, 73, 200
RGB Percent	22%, 29%, 78%
CMY	0.7843, 0.7137, 0.2157
CMYK	0.72, 0.64, 0.00, 0.22
HSL	233°, 57%, 50%
HSV	233°, 72%, 78%
XYZ	14.3834, 9.7474, 55.7669
YIQ	82.0960, -51.4950, 35.6810

# Conversions

## Conversions Part 2

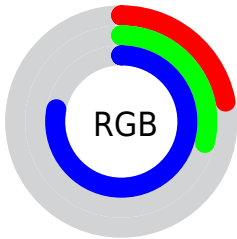
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	55, 71, 200
Decimal	3623368
CIE Lab	37.39, 36.34, -67.97
CIE LCh	37, 77.078, 298.128
Yxy	9.7474, 0.1800, 0.1220
Android (android.graphics.Color)	4281813448 (0xFF3749C8)
YUV	82.0960, 58.1267, -23.7632
Hunter-Lab	31.2209, 27.5981, -84.0495

# Details

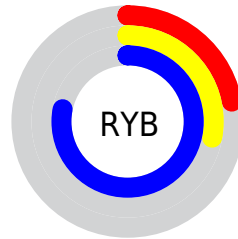
The Hex color **3749C8** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C8B637**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **797AFF**, and **001E91** is the 20% darker color. If you saturate the color by 10%, you get **2337C8**, and if you desaturate by 10%, it is **4B5BC8**.

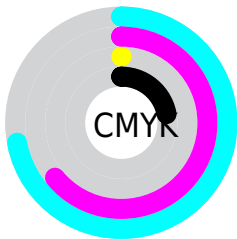
# Distribution



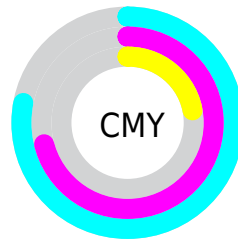
- Red (22%)
- Green (29%)
- Blue (78%)



- Red (22%)
- Yellow (28%)
- Blue (78%)



- Cyan (72%)
- Magenta (64%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3749C8 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 3749C8 by changing the saturation by 10% instead.



 3749C8

 3749C8

FFFFFF

 0033AC

 797AFF

 001E91

 9893FF

 000B76

 B6AEFF

 00005D

 D4CAFF

 000744

 F2E6FF

 00032D

 000117

 000000

 3749C8

 3749C8

■ 2337C8

■ 4B5BC8

■ 0F26C8

■ 5F6CC8

■ 0019C8

■ 737EC8

■ 878FC8

■ 9BA1C8

■ AFB2C8

■ C3C4C8

■ D7D5C8

■ EBE7C8

# Harmonies

## Analogous

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



0062D7



3749C8



9B129B

# Triad

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



3749C8



9D3600



006F52

# Complementary

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



3749C8



C8B637

# 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.



006C05



3749C8



6F5500

# Square

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



3749C8



BA0022



306500



007092

# Rectangle

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



3749C8



B60073



306500



006F3C



# Sweetspot

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



3749C8



C7CEFF



37C8B5



5E6280



000000



808080



# Same Dimension

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



3749C8



213DFF



6C37C8



5A5B63



0014A3



000424



# Inverse Universe

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



C83749



FF213D



93C837



635A5B



A30014

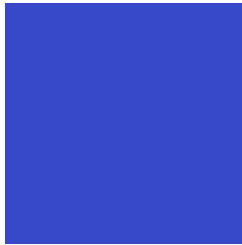


240004



# Previews

## White Background



This preview shows how the Hex color 3749C8 looks on a white background.

## Color Contrast Check

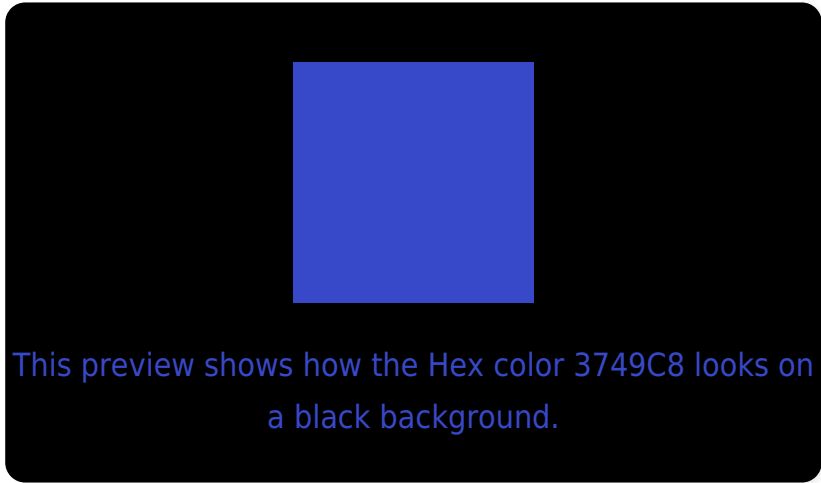
Large Text (above 18pt) WCAG AA ✓ Pass

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

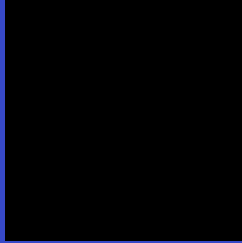
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3749C8 Background



This preview shows how black text looks on a background with the Hex color 3749C8.



This preview shows how white text looks on a background with the Hex color 3749C8.

# 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**  
006168

# Trichromacy



**Original Color**  
3749C8

**Protanomaly**  
1450BA

**Deuteranomaly**  
1454AA

**Tritanomaly**  
14588B

# Monochromacy



**Original Color**  
3749C8

**Achromatopsia**  
525252

**Achromatomaly**  
484F7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3749C8 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 #3749C8 looks like.

```
.text, #text, p{  
    color:#3749C8  
}
```

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 #3749C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3749C8
}
```

## Border

The CSS property to change the border of an element to Hex 3749C8 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".

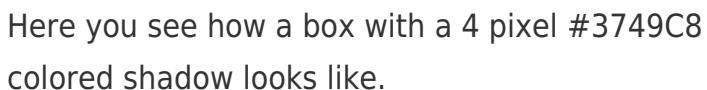
```
.border, #border, table{ border:4px solid
#3749C8 }
```

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

```
.border{ border-color:#3749C8 }
```

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

Here you see how a box with a 4 pixel #3749C8 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 #3749C8; -webkit-box-shadow:4px 4px  
4px 4px #3749C8; box-shadow:4px 4px 4px  
4px #3749C8 }
```

# Background

The CSS property to change the background color of an element to Hex 3749C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3749C8 }
```

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

```
.background{ background-color:#3749C8 }
```

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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