

# Converting Colors

Hex(383CB8)

Have a look what the booklet for  
Hex(383CB8) contains.

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# Color

**Hex(383CB8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	383CB8
RGB	56, 60, 184
RGB Percent	22%, 24%, 72%
CMY	0.7804, 0.7647, 0.2784
CMYK	0.70, 0.67, 0.00, 0.28
HSL	238°, 53%, 47%
HSV	238°, 70%, 72%
XYZ	11.8985, 7.5332, 46.1743
YIQ	72.9400, -42.1880, 37.7160

# Conversions

## Conversions Part 2

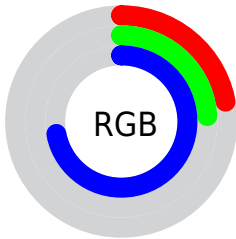
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 60, 184
Decimal	3685560
CIELab	32.99, 38.95, -65.79
CIElCh	33, 76.460, 300.629
Yxy	7.5332, 0.1814, 0.1148
Android (android.graphics.Color)	4281875640 (0xFF383CB8)
YUV	72.9400, 54.7526, -14.8564
Hunter-Lab	27.4466, 29.3506, -80.5329

# Details

The Hex color **383CB8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B8B438**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **786CF1**, and **001182** is the 20% darker color. If you saturate the color by 10%, you get **262AB8**, and if you desaturate by 10%, it is **4A4EB8**.

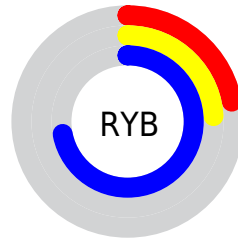
# Distribution



Red (22%)

Green (24%)

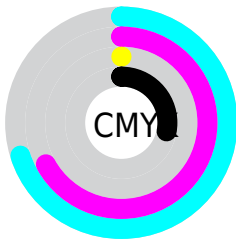
Blue (72%)



Red (22%)

Yellow (24%)

Blue (72%)

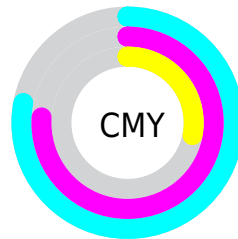


Cyan (70%)

Magenta (67%)

Yellow (0%)

Black (28%)



Cyan (78%)

Magenta (76%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383CB8 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 383CB8 by changing the saturation by 10% instead.



 383CB8

 383CB8

FFFFFF

 02269C

 786CF1

 001182

 9585FF

 000068

 B3A0FF

 00034F

 D1BBFF

 000537

 EFD7FF

 000220

 FFF3FF

 000005

 000000

 383CB8

 383CB8

■ 262AB8

■ 4A4EB8

■ 1318B8

■ 5D60B8

■ 0107B8

■ 6F71B8

■ 0006B8

■ 8283B8

■ 9495B8

■ A6A7B8

■ B9B9B8

■ CBCBB8

■ DEDCB8

# Harmonies

## Analogous

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



0057CA



383CB8



92008A

# Triad

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



383CB8



8C2F00



00644D

# Complementary

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



383CB8



B8B438

# 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.



006103



383CB8



5F4C00

# Square

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



383CB8



AA0014



1A5B00



00658B

# Rectangle

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



383CB8



AA0063



1A5B00



006338



# Sweetspot

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



383CB8



BDBFF0



38B8B4



5A5B78



F7F7F7



787878



# Same Dimension

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



383CB8



292FF0



7438B8



53535C



00059C



00011C



# Inverse Universe

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



B8383C



F0292F



7CB838



5C5353



9C0005

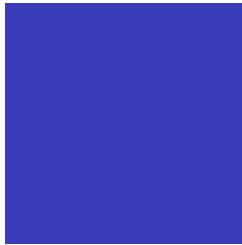


1C0001



# Previews

## White Background



This preview shows how the Hex color 383CB8 looks on a white background.

## Color Contrast Check

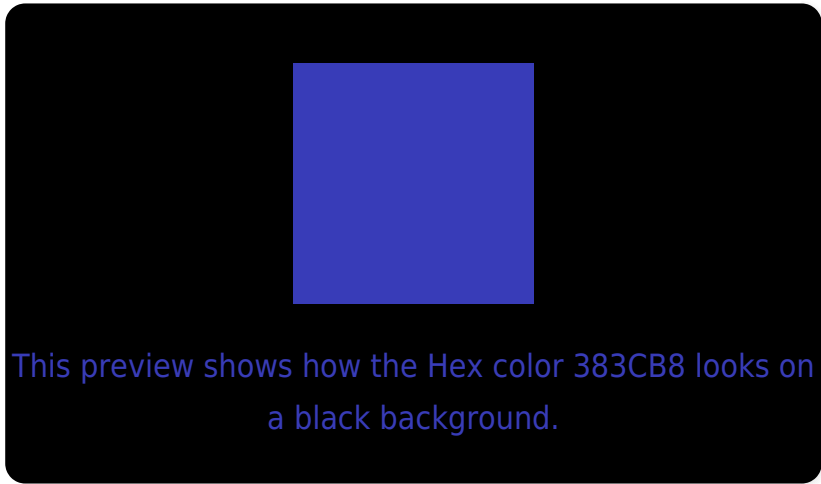
Large Text (above 18pt) WCAG AA ✓ Pass

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

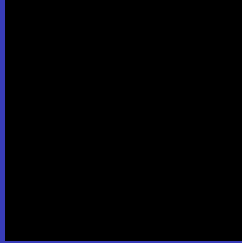
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383CB8 Background



This preview shows how black text looks on a background with the Hex color 383CB8.

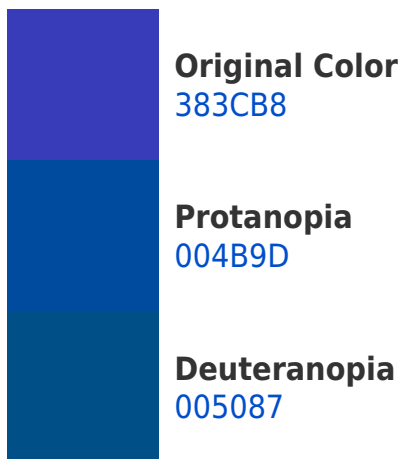



This preview shows how white text looks on a background with the Hex color 383CB8.

# 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**  
00565C

# Trichromacy



**Original Color**  
383CB8

**Protanomaly**  
1446A7

**Deuteranomaly**  
144999

**Tritanomaly**  
144D7D

# Monochromacy



**Original Color**  
383CB8

**Achromatopsia**  
494949

**Achromatomaly**  
434471

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383CB8 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 #383CB8 looks like.

```
.text, #text, p{  
    color:#383CB8  
}
```

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 #383CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383CB8
}
```

## Border

The CSS property to change the border of an element to Hex 383CB8 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
#383CB8 }
```

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

```
.border{ border-color:#383CB8 }
```

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

Here you see how a box with a 4 pixel #383CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383CB8; -webkit-box-shadow:4px 4px  
4px 4px #383CB8; box-shadow:4px 4px 4px  
4px #383CB8 }
```

# Background

The CSS property to change the background color of an element to Hex 383CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383CB8 }
```

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

```
.background{ background-color:#383CB8 }
```

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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