

# Converting Colors

Hex(7380C7)

Have a look what the booklet for  
Hex(7380C7) contains.

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# **Color**

**Hex(7380C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7380C7
RGB	115, 128, 199
RGB Percent	45%, 50%, 78%
CMY	0.5490, 0.4980, 0.2196
CMYK	0.42, 0.36, 0.00, 0.22
HSL	231°, 43%, 62%
HSV	231°, 42%, 78%
XYZ	25.0982, 23.2067, 57.1894
YIQ	132.2070, -30.5390, 19.3250

# Conversions

## Conversions Part 2

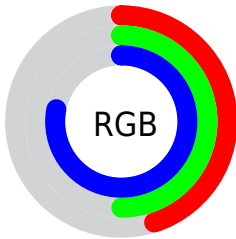
Format	Color
R <sub>Y</sub> B	115, 126, 199
Decimal	7569607
CIE Lab	55.28, 13.52, -38.46
CIE LCh	55, 40.769, 289.363
Yxy	23.2067, 0.2379, 0.2200
Android (android.graphics.Color)	4285759687 (0xFF7380C7)
YUV	132.2070, 32.9289, -15.0905
Hunter-Lab	48.1733, 8.6948, -36.6653

# Details

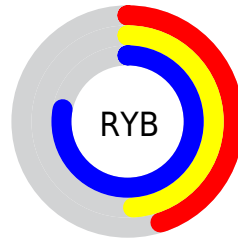
The Hex color **7380C7** is a light color, and the websafe version is hex **666699**. A complement of this color would be **C7BA73**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AAB5FF**, and **3D4F91** is the 20% darker color. If you saturate the color by 10%, you get **5F6FC7**, and if you desaturate by 10%, it is **8791C7**.

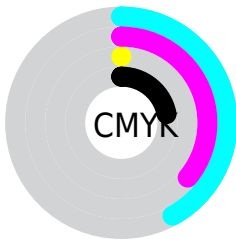
# Distribution



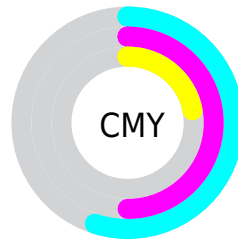
- Red (45%)
- Green (50%)
- Blue (78%)



- Red (45%)
- Yellow (49%)
- Blue (78%)



- Cyan (42%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (50%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7380C7 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 7380C7 by changing the saturation by 10% instead.



■ 7380C7

■ 7380C7

FFFFFF

■ 5867AB

■ AAB5FF

■ 3D4F91

■ C6D0FF

■ 203977

■ E3ECFF

■ 00235E

■ 000F46

■ 00042F

■ 000119

■ 000000

■ 7380C7

■ 7380C7

■ 5F6FC7

■ 8791C7

■ 4B5EC7

■ 9BA2C7

■ 374EC7

■ AFB2C7

■ 233DC7

■ C3C3C7

■ 102CC7

■ D7D4C7

■ 001FC7

■ EAE5C7

■ FEF6C7

■ FFFC7

# Harmonies

## Analogous

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



1E8CC9



7380C7



A472B3

# Triad

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



7380C7



BD7150



189676

# Complementary

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



7380C7



C7BA73

# 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.



5A9155



7380C7



A47E3E

# Square

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



7380C7



C7686F



83893F



00969B

# Rectangle

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



7380C7



B96B9E



83893F



36956A



# Sweetspot

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



7380C7



DEE3FF



73C7B9



6B6E80



000000



808080



# Same Dimension

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



7380C7



7D91FF



8F73C7



5A5B63



0019A3



000624



# Inverse Universe

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



C77380



FF7D91



ABC773



635A5B



A30019

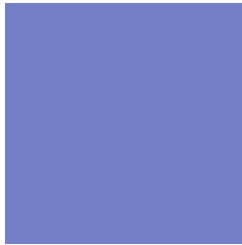


240006



# Previews

## White Background



This preview shows how the Hex color 7380C7 looks on a white background.

## Color Contrast Check

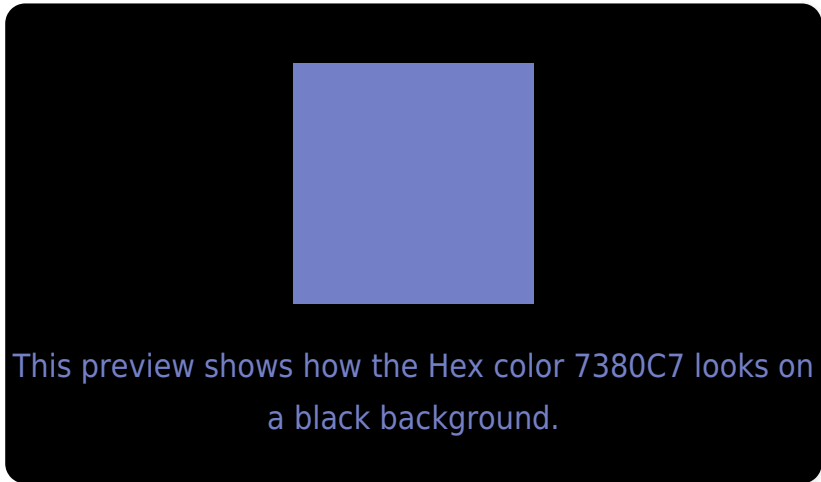
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 7380C7 Background



This preview shows how black text looks on a background with the Hex color 7380C7.



This preview shows how white text looks on a background with the Hex color 7380C7.

# 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



**Original Color**  
7380C7

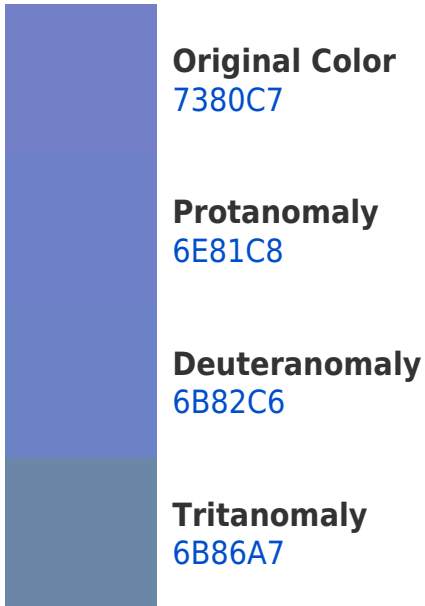
**Protanopia**  
6B82C9

**Deuteranopia**  
6683C6



**Tritanopia**  
668A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7380C7 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 #7380C7 looks like.

```
.text, #text, p{  
    color:#7380C7  
}
```

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 #7380C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7380C7
}
```

## Border

The CSS property to change the border of an element to Hex 7380C7 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
#7380C7 }
```

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

```
.border{ border-color:#7380C7 }
```

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

Here you see how a box with a 4 pixel #7380C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7380C7; -webkit-box-shadow:4px 4px  
4px 4px #7380C7; box-shadow:4px 4px 4px  
4px #7380C7 }
```

# Background

The CSS property to change the background color of an element to Hex 7380C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7380C7 }
```

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

```
.background{ background-color:#7380C7 }
```

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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