

# Converting Colors

Hex(6374C8)

Have a look what the booklet for  
Hex(6374C8) contains.

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# Color

**Hex(6374C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6374C8
RGB	99, 116, 200
RGB Percent	39%, 45%, 78%
CMY	0.6118, 0.5451, 0.2157
CMYK	0.51, 0.42, 0.00, 0.22
HSL	230°, 48%, 59%
HSV	230°, 50%, 78%
XYZ	21.8163, 19.3136, 57.2216
YIQ	120.4930, -37.0960, 22.5200

# Conversions

## Conversions Part 2

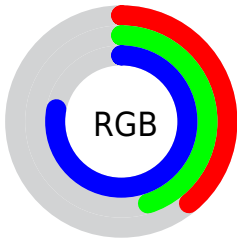
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 114, 200
Decimal	6517960
CIE <sub>Lab</sub>	51.05, 17.12, -45.79
CIE <sub>LCh</sub>	51, 48.886, 290.500
Yxy	19.3136, 0.2218, 0.1964
Android (android.graphics.Color)	4284708040 (0xFF6374C8)
YUV	120.4930, 39.1970, -18.8494
Hunter-Lab	43.9472, 11.7035, -46.4357

# Details

The Hex color **6374C8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C8B763**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9BA8FF**, and **284491** is the 20% darker color. If you saturate the color by 10%, you get **4F63C8**, and if you desaturate by 10%, it is **7785C8**.

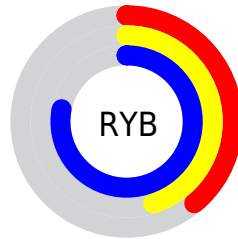
# Distribution



Red (39%)

Green (45%)

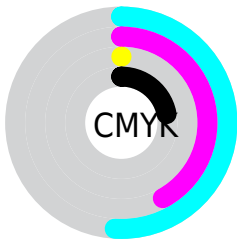
Blue (78%)



Red (39%)

Yellow (45%)

Blue (78%)

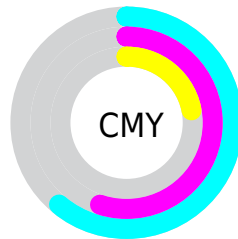


Cyan (51%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (55%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6374C8 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 6374C8 by changing the saturation by 10% instead.



■ 6374C8

■ 6374C8

FFFFFF

■ 475CAC

■ 9BA8FF

■ 284491

■ B8C3FF

■ 002E77

■ D5DFFF

■ 001A5E

■ F2FBFF

■ 000046

■ 00042F

■ 000119

■ 000000

■ 6374C8

■ 6374C8

■ 4F63C8

■ 7785C8

■ 3B53C8

■ 8B95C8

■ 2742C8

■ 9FA6C8

■ 1331C8

■ B3B7C8

■ 0022C8

■ C7C7C8

■ DBD8C8

■ EFE8C8

■ FFF9C8

■ FFFFC8

# Harmonies

## Analogous

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



0082CC



6374C8



9F62AF

# Triad

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



6374C8



B8623A



008D6A

# Complementary

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



6374C8



C8B763

# 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.



418942



6374C8



9B7322

# Square

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



6374C8



C6555F



748025



008E96

# Rectangle

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



6374C8



B75896



748025



008C5C



# Sweetspot

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



6374C8



D9DFFF



63C8B5



696C80



000000



808080



# Same Dimension

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



6374C8



637EFF



8363C8



5A5B63



001BA3



000624



# Inverse Universe

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



C86374



FF637E



A8C863



635A5B



A3001B

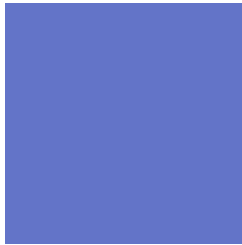


240006



# Previews

## White Background



This preview shows how the Hex color 6374C8 looks on a white background.

## Color Contrast Check

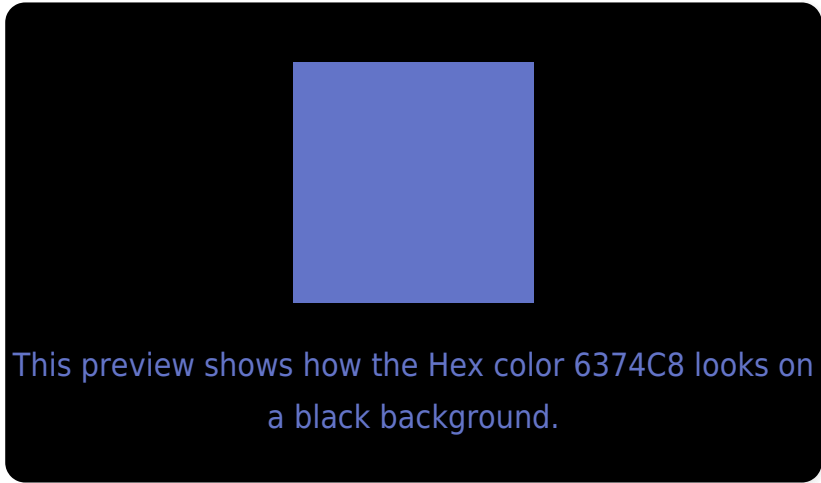
Large Text (above 18pt) WCAG AA ✓ Pass

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 6374C8 Background



This preview shows how black text looks on a background with the Hex color 6374C8.



This preview shows how white text looks on a background with the Hex color 6374C8.

# 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**  
6374C8

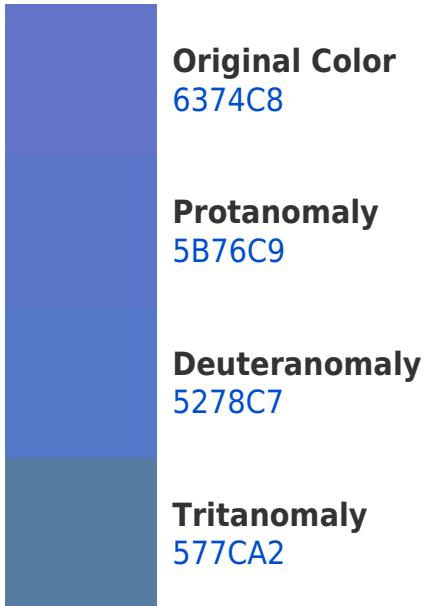
**Protanopia**  
5777CA

**Deuteranopia**  
497AC7

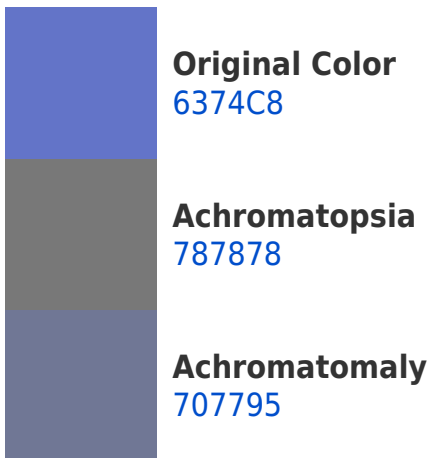


**Tritanopia**  
50818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6374C8 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 #6374C8 looks like.

```
.text, #text, p{  
    color:#6374C8  
}
```

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 #6374C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6374C8
}
```

## Border

The CSS property to change the border of an element to Hex 6374C8 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
#6374C8 }
```

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

```
.border{ border-color:#6374C8 }
```

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

Here you see how a box with a 4 pixel #6374C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6374C8; -webkit-box-shadow:4px 4px  
4px 4px #6374C8; box-shadow:4px 4px 4px  
4px #6374C8 }
```

# Background

The CSS property to change the background color of an element to Hex 6374C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6374C8 }
```

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

```
.background{ background-color:#6374C8 }
```

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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