

# Converting Colors

Hex(6873B4)

Have a look what the booklet for  
Hex(6873B4) contains.

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# Color

Hex(6873B4)

# Conversions

## Conversions Part 1

Format	Color
Hex	6873B4
RGB	104, 115, 180
RGB Percent	41%, 45%, 71%
CMY	0.5922, 0.5490, 0.2941
CMYK	0.42, 0.36, 0.00, 0.29
HSL	231°, 34%, 56%
HSV	231°, 42%, 71%
XYZ	20.0779, 18.4998, 45.6926
YIQ	119.1210, -27.4210, 17.8830

# Conversions

## Conversions Part 2

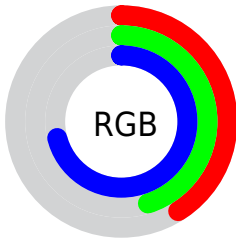
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 114, 180
Decimal	6845364
CIELab	50.10, 12.88, -35.78
CIELCh	50, 38.024, 289.801
Yxy	18.4998, 0.2383, 0.2195
Android (android.graphics.Color)	4285035444 (0xFF6873B4)
YUV	119.1210, 30.0133, -13.2611
Hunter-Lab	43.0114, 8.0545, -32.8780

# Details

The Hex color **6873B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4A968**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9EA7EC**, and **33437F** is the 20% darker color. If you saturate the color by 10%, you get **5664B4**, and if you desaturate by 10%, it is **7A82B4**.

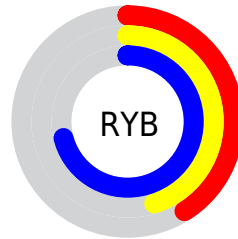
# Distribution



Red (41%)

Green (45%)

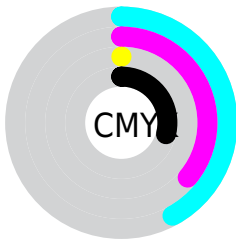
Blue (71%)



Red (41%)

Yellow (45%)

Blue (71%)

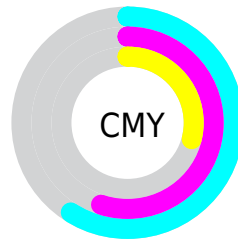


Cyan (42%)

Magenta (36%)

Yellow (0%)

Black (29%)



Cyan (59%)

Magenta (55%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6873B4 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 6873B4 by changing the saturation by 10% instead.



■ 6873B4

■ 6873B4

FFFFFF

■ 4E5B99

■ 9EA7EC

■ 33437F

■ BAC2FF

■ 152D65

■ D6DEFF

■ 00194D

■ F3FAFF

■ 000036

■ 000220

■ 000004

■ 000000

■ 6873B4

■ 6873B4

■ 5664B4

■ 7A82B4

■ 4454B4

■ 8C92B4

■ 3245B4

■ 9EA1B4

■ 2035B4

■ B0B1B4

■ 0E26B4

■ C2C0B4

■ 001AB4

■ D4CFB4

■ E6DFB4

■ F8EEB4

■ FFFEB4

# Harmonies

## Analogous

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



1A7EB6



6873B4



9466A1

# Triad

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



6873B4



AA6647



11876B

# Complementary

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



6873B4



B4A968

# 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.



50834C



6873B4



947236

# Square

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



6873B4



B45D63



757C38



00888C

# Rectangle

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



6873B4



A7608E



757C38



2E8660



# Sweetspot

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



6873B4



CCD1EB



68B4A9



636575



F5F5F5



757575



# Same Dimension

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



6873B4



7384EB



8368B4



505259



001699



00041A



# Inverse Universe

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



B46873



EB7384



99B468



595052



990016



1A0004



# Previews

## White Background



This preview shows how the Hex color 6873B4 looks on a white background.

## Color Contrast Check

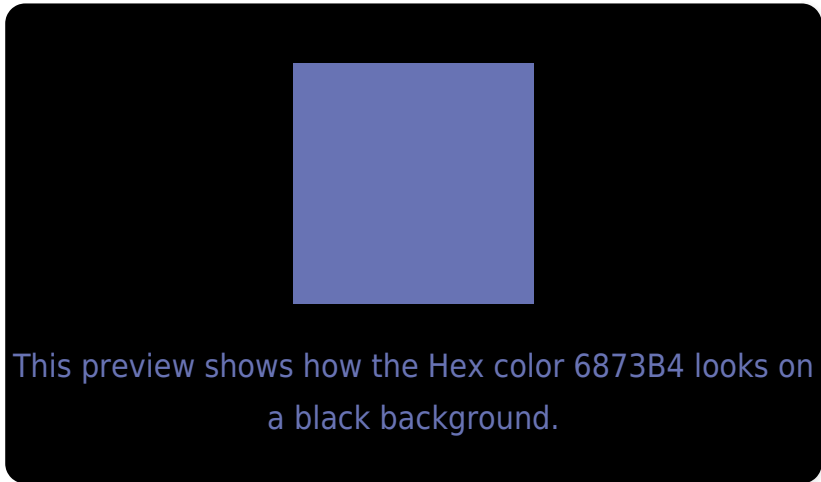
Large Text (above 18pt) WCAG AA ✓ Pass

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 6873B4 Background



This preview shows how black text looks on a background with the Hex color 6873B4.



This preview shows how white text looks on a background with the Hex color 6873B4.

# 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**  
6873B4

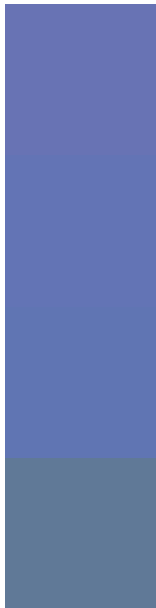
**Protanopia**  
6075B6

**Deuteranopia**  
5B76B3



**Tritanopia**  
5C7C86

# Trichromacy



**Original Color**  
6873B4

**Protanomaly**  
6374B5

**Deuteranomaly**  
6075B3

**Tritanomaly**  
607997

# Monochromacy



**Original Color**  
6873B4

**Achromatopsia**  
777777

**Achromatomaly**  
72768D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6873B4 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 #6873B4 looks like.

```
.text, #text, p{  
    color:#6873B4  
}
```

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 #6873B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6873B4
}
```

## Border

The CSS property to change the border of an element to Hex 6873B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

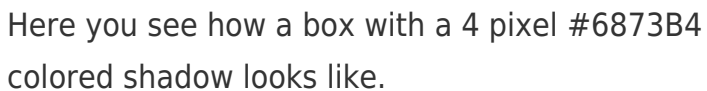
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6873B4 }
```

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

```
.border{ border-color:#6873B4 }
```

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



Here you see how a box with a 4 pixel #6873B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6873B4; -webkit-box-shadow:4px 4px  
4px 4px #6873B4; box-shadow:4px 4px 4px  
4px #6873B4 }
```

# Background

The CSS property to change the background color of an element to Hex 6873B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6873B4 }
```

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

```
.background{ background-color:#6873B4 }
```

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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