

# Converting Colors

Hex(7173B4)

Have a look what the booklet for  
Hex(7173B4) contains.

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# Color

Hex(7173B4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7173B4
RGB	113, 115, 180
RGB Percent	44%, 45%, 71%
CMY	0.5569, 0.5490, 0.2941
CMYK	0.37, 0.36, 0.00, 0.29
HSL	238°, 31%, 57%
HSV	238°, 37%, 71%
XYZ	21.1790, 19.0675, 45.7442
YIQ	121.8120, -22.0570, 19.7910

# Conversions

## Conversions Part 2

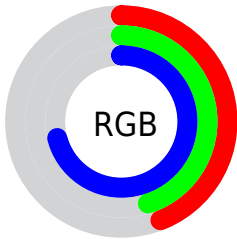
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 115, 180
Decimal	7435188
CIE <sub>Lab</sub>	50.77, 15.34, -34.68
CIE <sub>LCh</sub>	51, 37.921, 293.867
Yxy	19.0675, 0.2463, 0.2217
Android (android.graphics.Color)	4285625268 (0xFF7173B4)
YUV	121.8120, 28.6867, -7.7281
Hunter-Lab	43.6663, 10.1599, -31.5449

# Details

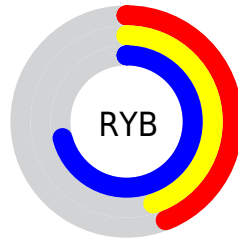
The Hex color **7173B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4B271**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A7A7EC**, and **3D437F** is the 20% darker color. If you saturate the color by 10%, you get **5F62B4**, and if you desaturate by 10%, it is **8384B4**.

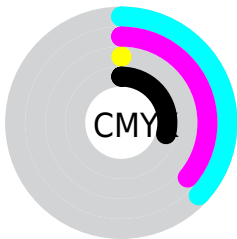
# Distribution



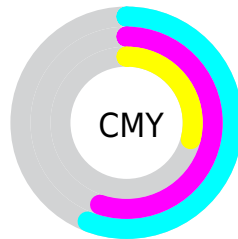
- Red (44%)
- Green (45%)
- Blue (71%)



- Red (44%)
- Yellow (45%)
- Blue (71%)



- Cyan (37%)
- Magenta (36%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (55%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7173B4 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 7173B4 by changing the saturation by 10% instead.



■ 7173B4

■ 7173B4

FFFFFF

■ 575B99

■ A7A7EC

■ 3D437F

■ C3C2FF

■ 232D65

■ DFDEFF

■ 01194D

■ FDFAFF

■ 000036

■ 000220

■ 000004

■ 000000

■ 7173B4

■ 7173B4

■ 5F62B4

■ 8384B4

■ 4D50B4

■ 9596B4

■ 3B3FB4

■ A7A7B4

■ 292DB4

■ B9B9B4

■ 171CB4

■ CBCAB4

■ 050AB4

■ DDDCB4

■ 0005B4

■ EFEDB4

■ FFFB4

# Harmonies

## Analogous

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



2E7EB9



7173B4



9B679F

# Triad

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



7173B4



AA6946



008971

# Complementary

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



7173B4



B4B271

# 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.



4C8651



7173B4



927537

# Square

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



7173B4



B66060



737F3C



008992

# Rectangle

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



7173B4



AC608C



737F3C



278866



# Sweetspot

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



7173B4



D1D2EB



71B4B2



666775



F5F5F5



757575



# Same Dimension

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



7173B4



8184EB



9071B4



505159



000599



00011A



# Inverse Universe

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



B47173



EB8184



95B471



595051



990005

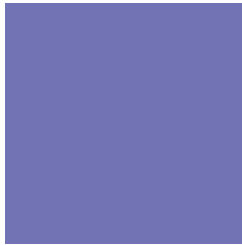


1A0001



# Previews

## White Background



This preview shows how the Hex color 7173B4 looks on a white background.

## Color Contrast Check

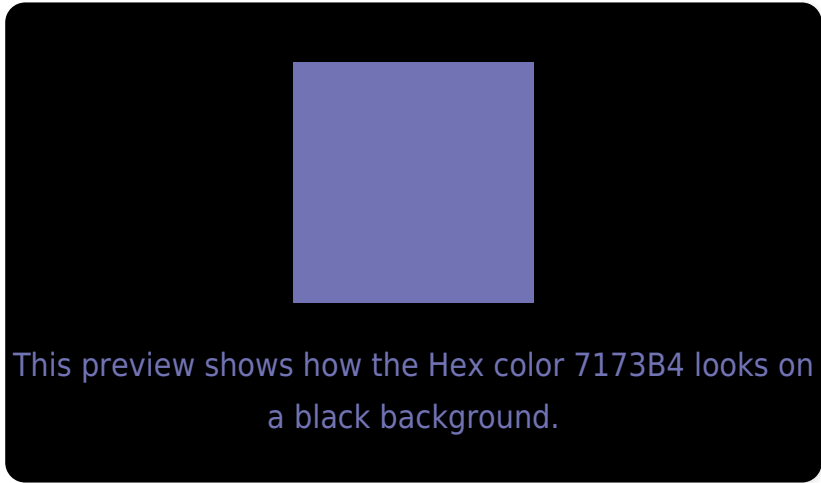
Large Text (above 18pt) WCAG AA ✓ Pass

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

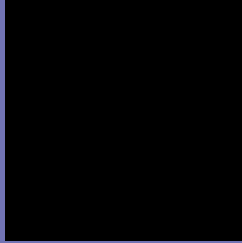
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7173B4 Background



This preview shows how black text looks on a background with the Hex color 7173B4.

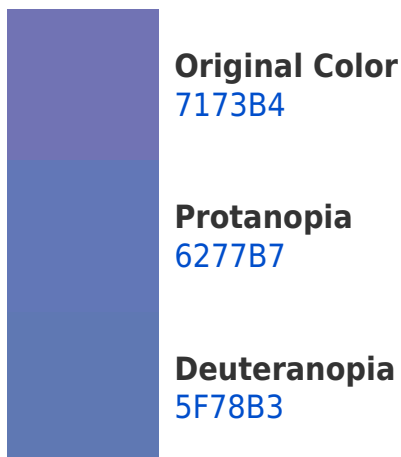



This preview shows how white text looks on a background with the Hex color 7173B4.

# 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](#).

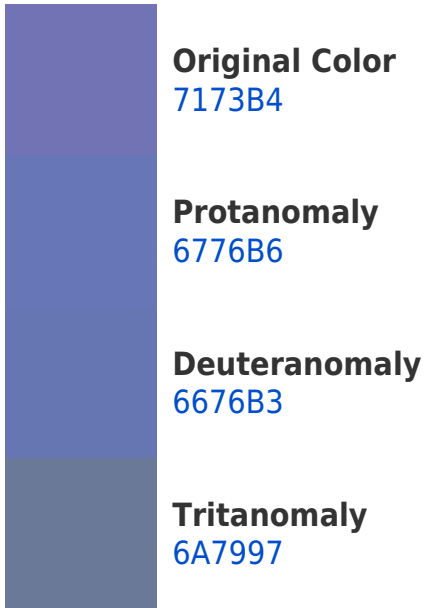
## Dichromacy





**Tritanopia**  
667C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7173B4 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 #7173B4 looks like.

```
.text, #text, p{  
    color:#7173B4  
}
```

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 #7173B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7173B4
}
```

## Border

The CSS property to change the border of an element to Hex 7173B4 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
#7173B4 }
```

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

```
.border{ border-color:#7173B4 }
```

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

Here you see how a box with a 4 pixel #7173B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7173B4; -webkit-box-shadow:4px 4px  
4px 4px #7173B4; box-shadow:4px 4px 4px  
4px #7173B4 }
```

# Background

The CSS property to change the background color of an element to Hex 7173B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7173B4 }
```

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

```
.background{ background-color:#7173B4 }
```

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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