

# Converting Colors

Hex(7B73D7)

Have a look what the booklet for  
Hex(7B73D7) contains.

<b>Hex(7B73D7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(7B73D7)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B73D7
RGB	123, 115, 215
RGB Percent	48%, 45%, 84%
CMY	0.5176, 0.5490, 0.1569
CMYK	0.43, 0.47, 0.00, 0.16
HSL	245°, 56%, 65%
HSV	245°, 47%, 84%
XYZ	26.5649, 21.3787, 67.0164
YIQ	128.7920, -27.3320, 32.7960

# Conversions

## Conversions Part 2

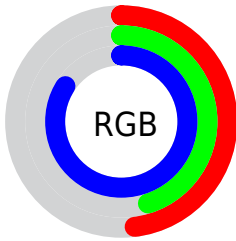
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 115, 215</a>
Decimal	<a href="#">8090583</a>
CIELab	<a href="#">53.36, 27.94, -50.54</a>
CIELCh	<a href="#">53, 57.745, 298.934</a>
Yxy	<a href="#">21.3787, 0.2311, 0.1860</a>
Android (android.graphics.Color)	<a href="#">4286280663 (0xFF7B73D7)</a>
YUV	<a href="#">128.7920, 42.5005, -5.0796</a>
Hunter-Lab	<a href="#">46.2371, 21.6396, -53.5693</a>

# Details

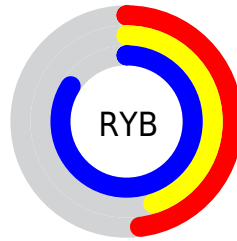
The Hex color **7B73D7** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CFD773**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B3A7FF**, and **4343A0** is the 20% darker color. If you saturate the color by 10%, you get **675ED7**, and if you desaturate by 10%, it is **8F89D7**.

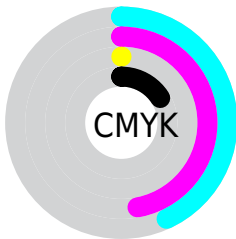
# Distribution



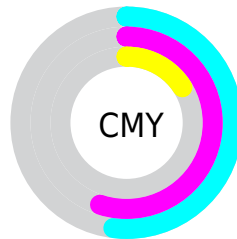
- Red (48%)
- Green (45%)
- Blue (84%)



- Red (48%)
- Yellow (45%)
- Blue (84%)



- Cyan (43%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (55%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B73D7 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 7B73D7 by changing the saturation by 10% instead.



 7B73D7

 7B73D7

FFFFFF

 5F5ABB

 B3A7FF

 4343A0

 D0C2FF

 242D85

 EEDEFF

 00186B

 FFFBFF

 000052

 00063A

 000224

 00000B

 000000

 7B73D7

 7B73D7

 675ED7

 8F89D7

 5348D7

 A39ED7

 4033D7

 B6B4D7

 2C1DD7

 CAC9D7

 1808D7

 DEDFD7

 1100D7

 F2F4D7

 FFFFD7

# Harmonies

## Analogous

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



0086E3



7B73D7



B95CB4

# Triad

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



7B73D7



BF6928



00967C

# Complementary

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



7B73D7



CFD773

# 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.



109349



7B73D7



9A7D06

# Square

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



7B73D7



D65552



688B1D



0096AE

# Rectangle

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



7B73D7



D05194



688B1D



00966B



# Sweetspot

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



7B73D7



DEDBFF



73D0D7



6C6A80



000000



808080



# Same Dimension

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



7B73D7



7C70FF



AC73D7



61606B



0E00AB



03002B



# Inverse Universe

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



D773CF



FF70F4



9ED773



6B606A



AB009D

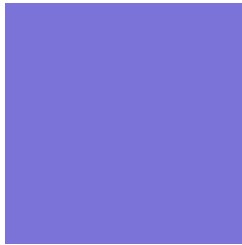


2B0028



# Previews

## White Background



This preview shows how the Hex color 7B73D7 looks on a white background.

## Color Contrast Check

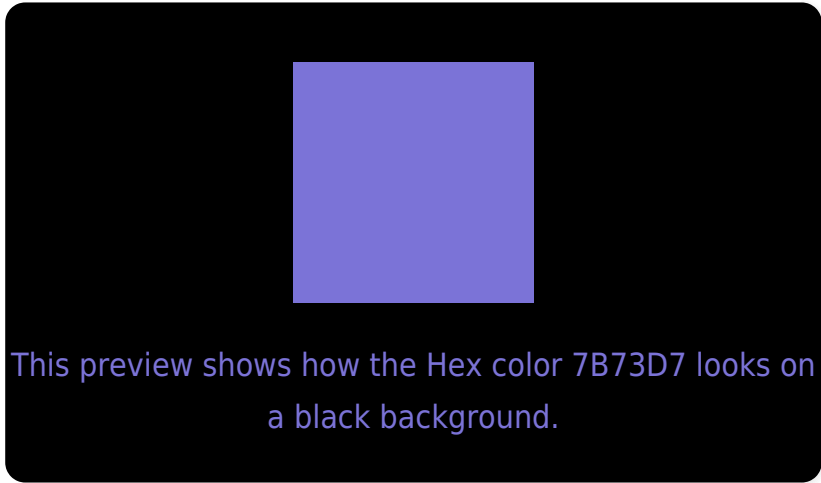
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B73D7 Background



This preview shows how black text looks on a background with the Hex color 7B73D7.

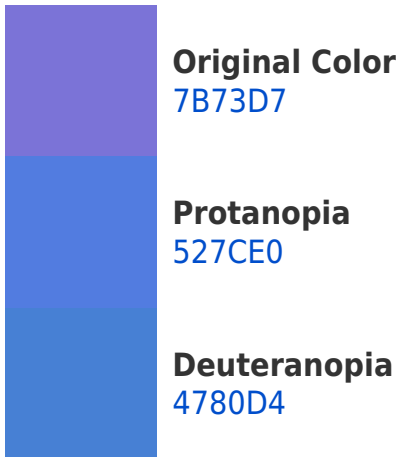


This preview shows how white text looks on a background with the Hex color 7B73D7.

# 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](#).

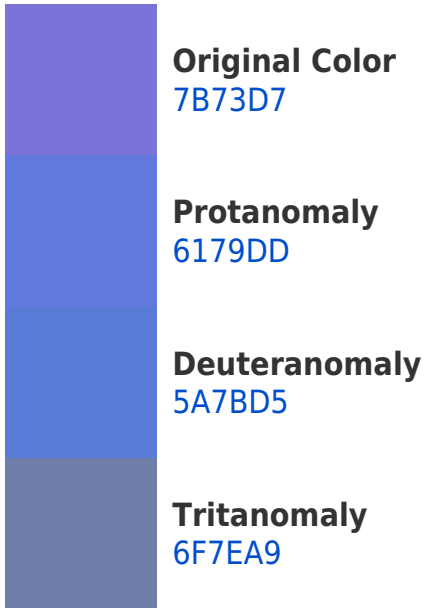
## Dichromacy



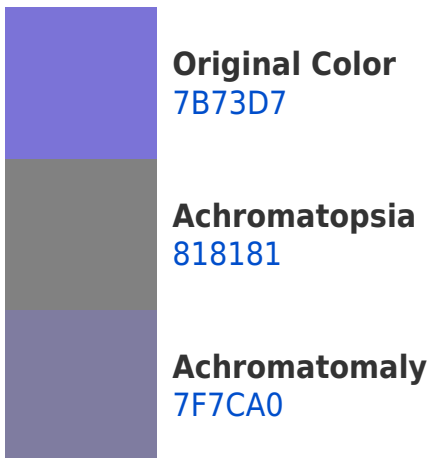


**Tritanopia**  
68848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B73D7 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 #7B73D7 looks like.

```
.text, #text, p{  
    color:#7B73D7  
}
```

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 #7B73D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B73D7
}
```

## Border

The CSS property to change the border of an element to Hex 7B73D7 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
#7B73D7 }
```

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

```
.border{ border-color:#7B73D7 }
```

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

Here you see how a box with a 4 pixel #7B73D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B73D7; -webkit-box-shadow:4px 4px  
4px 4px #7B73D7; box-shadow:4px 4px 4px  
4px #7B73D7 }
```

# Background

The CSS property to change the background color of an element to Hex 7B73D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B73D7 }
```

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

```
.background{ background-color:#7B73D7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor