

# Converting Colors

Hex(7B65EC)

Have a look what the booklet for  
Hex(7B65EC) contains.

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**Color**

**Hex(7B65EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B65EC
RGB	123, 101, 236
RGB Percent	48%, 40%, 93%
CMY	0.5176, 0.6039, 0.0745
CMYK	0.48, 0.57, 0.00, 0.07
HSL	250°, 78%, 66%
HSV	250°, 57%, 93%
XYZ	27.9624, 19.5744, 81.6613
YIQ	122.9680, -30.2230, 46.6490

# Conversions

## Conversions Part 2

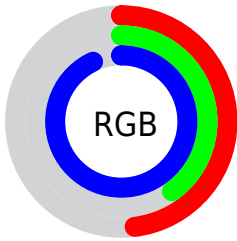
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 101, 236</a>
Decimal	<a href="#">8087020</a>
CIELab	<a href="#">51.35, 42.23, -65.59</a>
CIELCh	<a href="#">51, 78.006, 302.777</a>
Yxy	<a href="#">19.5744, 0.2164, 0.1515</a>
Android (android.graphics.Color)	<a href="#">4286277100 (0xFF7B65EC)</a>
YUV	<a href="#">122.9680, 55.7248, 0.0281</a>
Hunter-Lab	<a href="#">44.2430, 35.3899, -78.4641</a>

# Details

The Hex color **7B65EC** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **D6EC65**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B699FF**, and **3D35B3** is the 20% darker color. If you saturate the color by 10%, you get **674DEC**, and if you desaturate by 10%, it is **8F7DEC**.

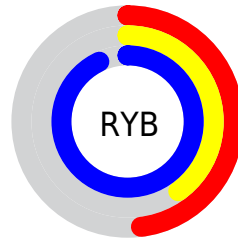
# Distribution



Red (48%)

Green (40%)

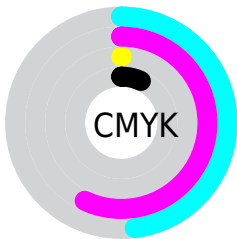
Blue (93%)



Red (48%)

Yellow (40%)

Blue (93%)

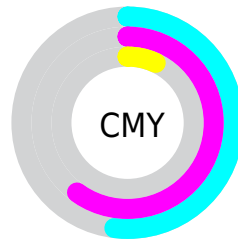


Cyan (48%)

Magenta (57%)

Yellow (0%)

Black (7%)



Cyan (52%)

Magenta (60%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B65EC 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 7B65EC by changing the saturation by 10% instead.



■ 7B65EC

■ 7B65EC

FFFFFF

■ 5D4CCF

■ B699FF

■ 3D35B3

■ D4B4FF

■ 131E98

■ F2CFFF

■ 00087D

■ FFECFF

■ 000063

■ 00054A

■ 000433

■ 00021D

■ 000000

 7B65EC

 7B65EC

 674DEC

 8F7DEC

 5336EC

 A394EC

 401EEC

 B6ACEC

 2C07EC

 CAC3EC

 2600EC

 DEDBEC

 F2F3EC

 FFFFEC

# Harmonies

## Analogous

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



0081FF



7B65EC



CD3BB9

# Triad

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



7B65EC



C35E00



00967F

# Complementary

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



7B65EC



D6EC65

# 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.



009338



7B65EC



8F7A00

# Square

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



7B65EC



E53636



498A00



0096C1

# Rectangle

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



7B65EC



E61D8E



498A00



009668



# Sweetspot

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



7B65EC



DBD4FF



65D8EC



6A6680



000000



808080



# Same Dimension

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



7B65EC



6C4FFF



BD65EC



6B6A75



1E00B5



090036



# Inverse Universe

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



EC65D6



FF4FE2



94EC65



756A73



B50098

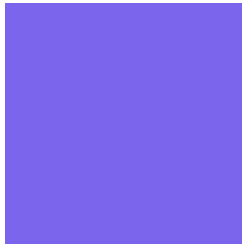


36002D



# Previews

## White Background



This preview shows how the Hex color 7B65EC 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

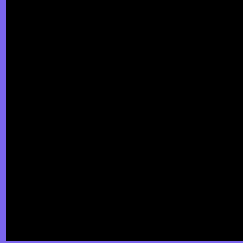
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B65EC Background



This preview shows how black text looks on a background with the Hex color 7B65EC.

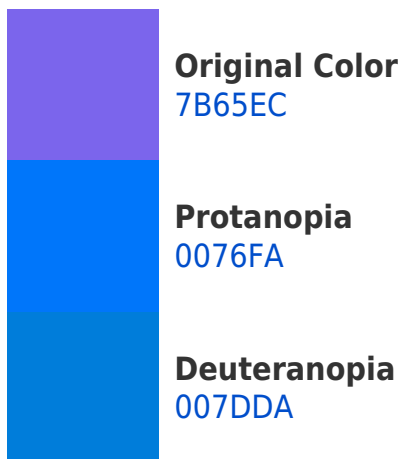


This preview shows how white text looks on a background with the Hex color 7B65EC.

# 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](#).

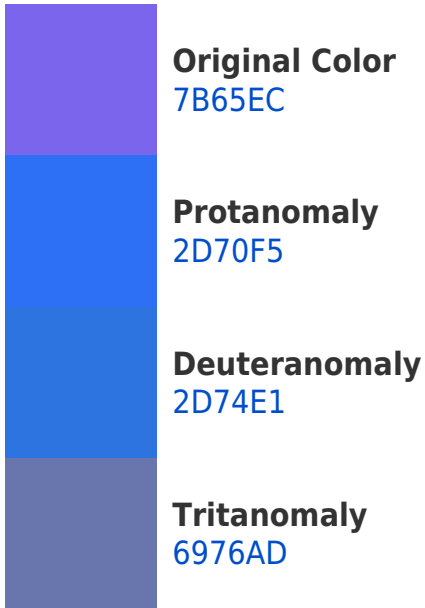
## Dichromacy





**Tritanopia**  
5F7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B65EC 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 #7B65EC looks like.

```
.text, #text, p{  
    color:#7B65EC  
}
```

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 #7B65EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B65EC
}
```

## Border

The CSS property to change the border of an element to Hex 7B65EC 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
#7B65EC }
```

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

```
.border{ border-color:#7B65EC }
```

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

Here you see how a box with a 4 pixel #7B65EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B65EC; -webkit-box-shadow:4px 4px  
4px 4px #7B65EC; box-shadow:4px 4px 4px  
4px #7B65EC }
```

# Background

The CSS property to change the background color of an element to Hex 7B65EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B65EC }
```

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

```
.background{ background-color:#7B65EC }
```

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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