

Converting Colors

Hex(7B51E9)

Have a look what the booklet for
Hex(7B51E9) contains.

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Color

Hex(7B51E9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7B51E9 |
| RGB | 123, 81, 233 |
| RGB Percent | 48%, 32%, 91% |
| CMY | 0.5176, 0.6824, 0.0863 |
| CMYK | 0.47, 0.65, 0.00, 0.09 |
| HSL | 257°, 78%, 62% |
| HSV | 257°, 65%, 91% |
| XYZ | 25.8188, 15.9790, 78.8143 |
| YIQ | 110.8860, -23.7600, 56.1760 |

Conversions

Conversions Part 2

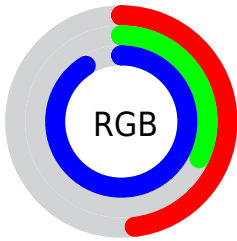
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 123, 81, 233 |
| Decimal | 8081897 |
| CIE Lab | 46.95, 52.50, -71.05 |
| CIE LCh | 47, 88.336, 306.461 |
| Yxy | 15.9790, 0.2141, 0.1325 |
| Android (android.graphics.Color) | 4286271977 (0xFF7B51E9) |
| YUV | 110.8860, 60.2022, 10.6240 |
| Hunter-Lab | 39.9737, 45.3380, -88.9175 |

Details

The Hex color **7B51E9** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **BFE951**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B785FF**, and **3C1FB0** is the 20% darker color. If you saturate the color by 10%, you get **6A3AE9**, and if you desaturate by 10%, it is **8C68E9**.

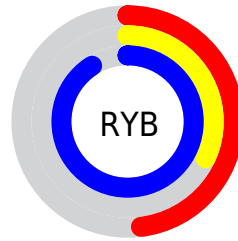
Distribution



Red (48%)

Green (32%)

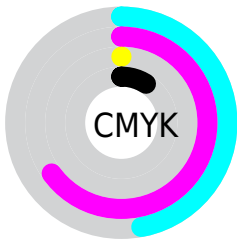
Blue (91%)



Red (48%)

Yellow (32%)

Blue (91%)

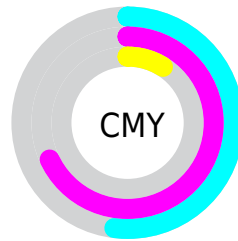


Cyan (47%)

Magenta (65%)

Yellow (0%)

Black (9%)



Cyan (52%)

Magenta (68%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B51E9 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 7B51E9 by changing the saturation by 10% instead.

 7B51E9

 7B51E9

FFFFFF

 5D38CC

 B785FF

 3C1FB0

 D5A0FF

 0E0295

 F3BBFF

 00007A

 FFD7FF

 000060

 FFF4FF

 000847

 000430

 00011A

 000000

■ 7B51E9

■ 7B51E9

■ 6A3AE9

■ 8C68E9

■ 5922E9

■ 9D80E9

■ 480BE9

■ AE97E9

■ 4000E9

■ BEAEE9

■ CFC5E9

■ E0DDE9

■ F1F4E9

■ FFFFE9

Harmonies

Analogous

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



0075FF



7B51E9



D000AC

Triad

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



7B51E9



B55300



008C7E

Complementary

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



7B51E9



BFE951

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.



00892E



7B51E9



7A7200

Square

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



7B51E9



DE1019



188200



008CC7

Rectangle

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



7B51E9



E7007C



188200



008C64

Sweetspot

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



7B51E9



DACCFE



51C0E9



696180



000000



808080

Same Dimension

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



7B51E9



6F38FF



C651E9



6D6A75



3200B5



0F0036

Inverse Universe

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



E951BF



FF38C8



74E951



756A72



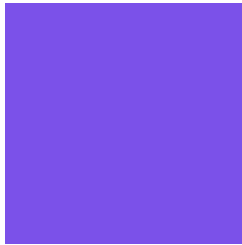
B50083



360027

Previews

White Background



This preview shows how the Hex color 7B51E9 looks on a white background.

Color Contrast Check

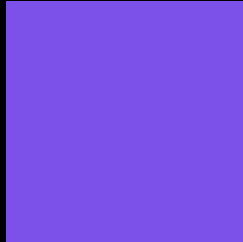
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7B51E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

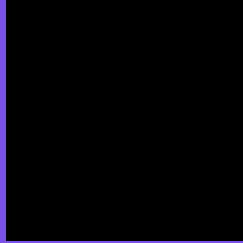
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7B51E9 Background



This preview shows how black text looks on a background with the Hex color 7B51E9.

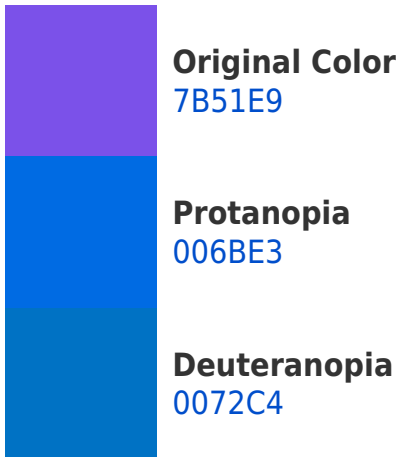


This preview shows how white text looks on a background with the Hex color 7B51E9.

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](#).

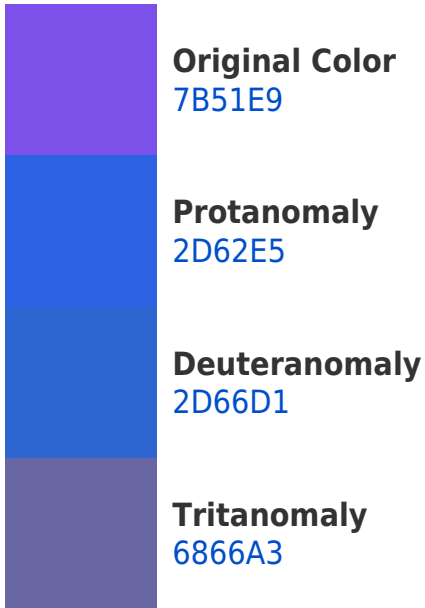
Dichromacy



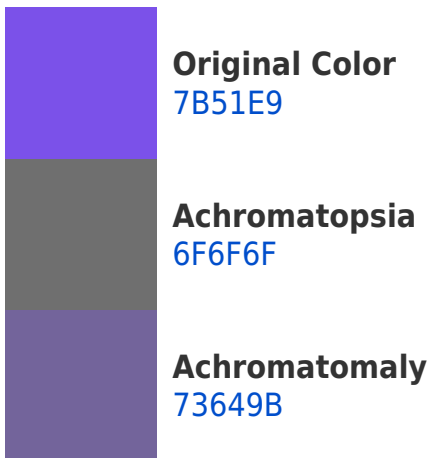


Tritanopia
5D727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B51E9 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 #7B51E9 looks like.

```
.text, #text, p{  
    color:#7B51E9  
}
```

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 #7B51E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B51E9
}
```

Border

The CSS property to change the border of an element to Hex 7B51E9 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
#7B51E9 }
```

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

```
.border{ border-color:#7B51E9 }
```

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

Here you see how a box with a 4 pixel #7B51E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B51E9; -webkit-box-shadow:4px 4px  
4px 4px #7B51E9; box-shadow:4px 4px 4px  
4px #7B51E9 }
```

Background

The CSS property to change the background color of an element to Hex 7B51E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B51E9 }
```

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

```
.background{ background-color:#7B51E9 }
```

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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