

Converting Colors

Hex(7B5AE9)

Have a look what the booklet for
Hex(7B5AE9) contains.

Hex(7B5AE9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B5AE9)

Conversions

Conversions Part 1

Format	Color
Hex	7B5AE9
RGB	123, 90, 233
RGB Percent	48%, 35%, 91%
CMY	0.5176, 0.6471, 0.0863
CMYK	0.47, 0.61, 0.00, 0.09
HSL	254°, 76%, 63%
HSV	254°, 61%, 91%
XYZ	26.5325, 17.4065, 79.0522
YIQ	116.1690, -26.2350, 51.4690

Conversions

Conversions Part 2

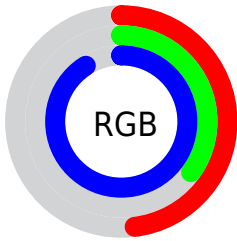
Format	Color
R_{YB}	123, 90, 233
Decimal	8084201
CIE _{Lab}	48.77, 47.60, -68.09
CIE _{LCh}	49, 83.077, 304.960
Yxy	17.4065, 0.2157, 0.1415
Android (android.graphics.Color)	4286274281 (0xFF7B5AE9)
YUV	116.1690, 57.5977, 5.9908
Hunter-Lab	41.7211, 40.5053, -83.1366

Details

The Hex color **7B5AE9** 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 **C8E95A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B68EFF**, and **3D29B0** is the 20% darker color. If you saturate the color by 10%, you get **6943E9**, and if you desaturate by 10%, it is **8D71E9**.

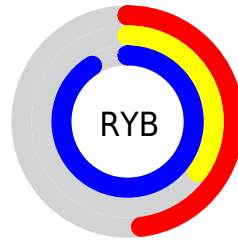
Distribution



Red (48%)

Green (35%)

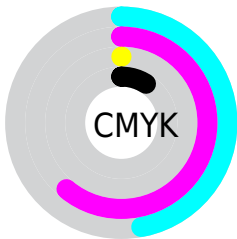
Blue (91%)



Red (48%)

Yellow (35%)

Blue (91%)

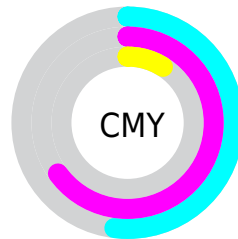


Cyan (47%)

Magenta (61%)

Yellow (0%)

Black (9%)



Cyan (52%)

Magenta (65%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5AE9 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 7B5AE9 by changing the saturation by 10% instead.

7B5AE9

7B5AE9

FFFFFF

5D41CC

B68EFF

3D29B0

D4A8FF

121195

F2C4FF

00007A

FFE0FF

000061

FFFDFF

000848

000430

00011A

000000

■ 7B5AE9

■ 7B5AE9

■ 6943E9

■ 8D71E9

■ 572BE9

■ 9F89E9

■ 4514E9

■ B1A0E9

■ 3600E9

■ C3B7E9

■ D5CEE9

■ E7E6E9

■ F8FDE9

■ FFFFE9

Harmonies

Analogous

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



007AFF



7B5AE9



CE22B1

Triad

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



7B5AE9



BB5800



00907E

Complementary

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



7B5AE9



C8E95A

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.



008D33



7B5AE9



837500

Square

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



7B5AE9



E02627



338500



0090C4

Rectangle

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



7B5AE9



E50083



338500



009065

Sweetspot

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



7B5AE9



DCD1FF



5ACAE9



6A6380



000000



808080

Same Dimension

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



7B5AE9



6E42FF



C05AE9



6C6A75



2A00B5



0C0036

Inverse Universe

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



E95AC8



FF42D3



83E95A



756A73



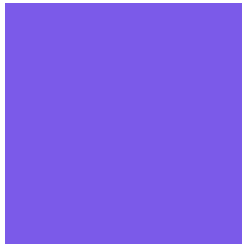
B5008B



360029

Previews

White Background



This preview shows how the Hex color 7B5AE9 looks on a white background.

Color Contrast Check

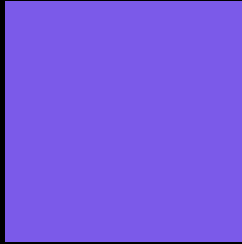
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5AE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

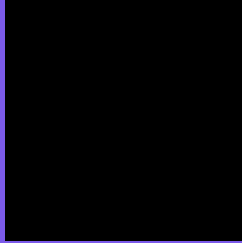
Any Text WCAG AA × Fail

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 7B5AE9 Background



This preview shows how black text looks on a background with the Hex color 7B5AE9.



This preview shows how white text looks on a background with the Hex color 7B5AE9.

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](#).

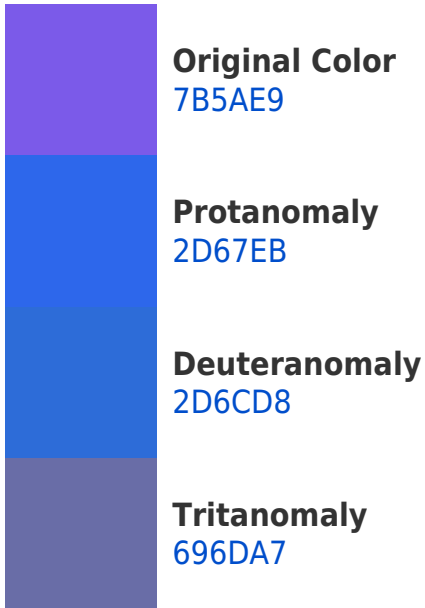
Dichromacy





Tritanopia
5F7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5AE9 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 #7B5AE9 looks like.

```
.text, #text, p{  
    color:#7B5AE9  
}
```

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 #7B5AE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5AE9
}
```

Border

The CSS property to change the border of an element to Hex 7B5AE9 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
#7B5AE9 }
```

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

```
.border{ border-color:#7B5AE9 }
```

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

Here you see how a box with a 4 pixel #7B5AE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5AE9; -webkit-box-shadow:4px 4px  
4px 4px #7B5AE9; box-shadow:4px 4px 4px  
4px #7B5AE9 }
```

Background

The CSS property to change the background color of an element to Hex 7B5AE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5AE9 }
```

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

```
.background{ background-color:#7B5AE9 }
```

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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