

Converting Colors

Hex(7B50E6)

Have a look what the booklet for
Hex(7B50E6) contains.

Hex(7B50E6)	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(7B50E6)

Conversions

Conversions Part 1

Format	Color
Hex	7B50E6
RGB	123, 80, 230
RGB Percent	48%, 31%, 90%
CMY	0.5176, 0.6863, 0.0980
CMYK	0.47, 0.65, 0.00, 0.10
HSL	257°, 75%, 61%
HSV	257°, 65%, 90%
XYZ	25.3200, 15.6614, 76.5514
YIQ	109.9570, -22.5220, 55.7660

Conversions

Conversions Part 2

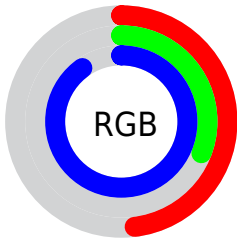
Format	Color
R_{YB}	123, 80, 230
Decimal	8081638
CIE _{Lab}	46.53, 52.21, -70.03
CIE _{LCh}	47, 87.351, 306.703
Yxy	15.6614, 0.2154, 0.1333
Android (android.graphics.Color)	4286271718 (0xFF7B50E6)
YUV	109.9570, 59.1812, 11.4387
Hunter-Lab	39.5745, 44.9496, -86.9859

Details

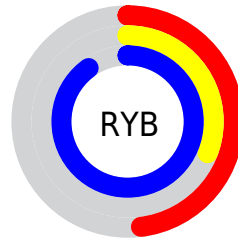
The Hex color **7B50E6** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **BBE650**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B684FF**, and **3D1EAD** is the 20% darker color. If you saturate the color by 10%, you get **6B39E6**, and if you desaturate by 10%, it is **8B67E6**.

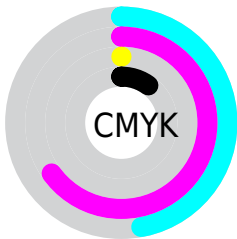
Distribution



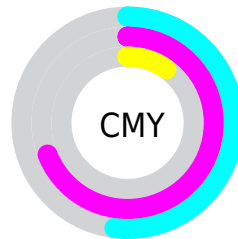
- Red (48%)
- Green (31%)
- Blue (90%)



- Red (48%)
- Yellow (31%)
- Blue (90%)



- Cyan (47%)
- Magenta (65%)
- Yellow (0%)
- Black (10%)



- Cyan (52%)
- Magenta (69%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B50E6 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 7B50E6 by changing the saturation by 10% instead.

 7B50E6

 7B50E6

FFFFFF

 5D37C9

 B684FF

 3D1EAD

 D49FFF

 110192

 F2BAFF

 000077

 FFD6FF

 00005E

 FFF3FF

 000845

 00032E

 000118

 000000

 7B50E6

 7B50E6

 6B39E6

 8B67E6

 5A22E6

 9C7EE6

 4A0BE6

 AC95E6

 4200E6

 BDACE6

 CDC3E6

 DDDAE6

 EE1E6

 FEF6

 FFF6

Harmonies

Analogous

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



0074FF



7B50E6



CE00AA

Triad

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



7B50E6



B35300



008B7E

Complementary

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



7B50E6



BBE650

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.



00882E



7B50E6



787100

Square

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



7B50E6



DC1318



178100



008BC5

Rectangle

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



7B50E6



E5007A



178100



008A64

Sweetspot

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



7B50E6



DBCCFF



50BBE6



6A6180



000000



808080

Same Dimension

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



7B50E6



7138FF



C550E6



6B6773



3300B3



0F0033

Inverse Universe

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



E650BB



FF38C6



71E650



73676F



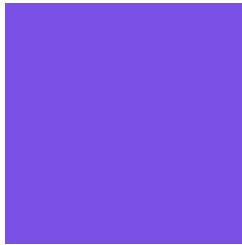
B3007F



330024

Previews

White Background



This preview shows how the Hex color 7B50E6 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

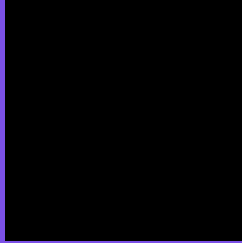
Any Text WCAG AA × Fail

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 7B50E6 Background



This preview shows how black text looks on a background with the Hex color 7B50E6.



This preview shows how white text looks on a background with the Hex color 7B50E6.

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



Original Color
7B50E6

Protanopia
006AE1

Deuteranopia
0071C3



Tritanopia
5E717A

Trichromacy



Original Color
7B50E6



Protanomaly
2D61E3



Deuteranomaly
2D65D0



Tritanomaly
6965A1

Monochromacy



Original Color
7B50E6



Achromatopsia
6E6E6E



Achromatomaly
73639A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B50E6 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 #7B50E6 looks like.

```
.text, #text, p{  
    color:#7B50E6  
}
```

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 #7B50E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B50E6
}
```

Border

The CSS property to change the border of an element to Hex 7B50E6 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
#7B50E6 }
```

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

```
.border{ border-color:#7B50E6 }
```

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

Here you see how a box with a 4 pixel #7B50E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B50E6; -webkit-box-shadow:4px 4px  
4px 4px #7B50E6; box-shadow:4px 4px 4px  
4px #7B50E6 }
```

Background

The CSS property to change the background color of an element to Hex 7B50E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B50E6 }
```

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

```
.background{ background-color:#7B50E6 }
```

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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