

Converting Colors

Hex(7B44D6)

Have a look what the booklet for
Hex(7B44D6) contains.

Hex(7B44D6)	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(7B44D6)

Conversions

Conversions Part 1

Format	Color
Hex	7B44D6
RGB	123, 68, 214
RGB Percent	48%, 27%, 84%
CMY	0.5176, 0.7333, 0.1608
CMYK	0.43, 0.68, 0.00, 0.16
HSL	263°, 64%, 55%
HSV	263°, 68%, 84%
XYZ	22.3731, 13.2002, 64.9870
YIQ	101.0890, -14.0860, 57.0660

Conversions

Conversions Part 2

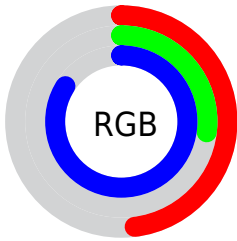
Format	Color
R_{YB}	123, 68, 214
Decimal	8078550
CIE _{Lab}	43.06, 54.14, -66.56
CIE _{LCh}	43, 85.795, 309.125
Yxy	13.2002, 0.2225, 0.1313
Android (android.graphics.Color)	4286268630 (0xFF7B44D6)
YUV	101.0890, 55.6651, 19.2159
Hunter-Lab	36.3321, 46.3380, -80.6191

Details

The Hex color **7B44D6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **9FD644**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B578FF**, and **3F0D9E** is the 20% darker color. If you saturate the color by 10%, you get **6E2FD6**, and if you desaturate by 10%, it is **8859D6**.

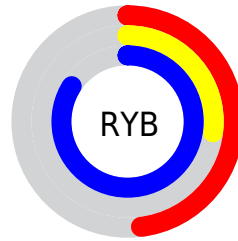
Distribution



Red (48%)

Green (27%)

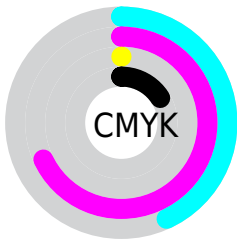
Blue (84%)



Red (48%)

Yellow (27%)

Blue (84%)

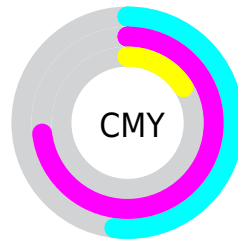


Cyan (43%)

Magenta (68%)

Yellow (0%)

Black (16%)



Cyan (52%)

Magenta (73%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B44D6 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 7B44D6 by changing the saturation by 10% instead.

7B44D6

7B44D6

FFFFFF

5E2ABA

B578FF

3F0D9E

D393FF

1A0083

F1AEFF

000069

FFCAFF

000050

FFE7FF

000538

000222

000007

000000

 7B44D6

 7B44D6

 6E2FD6

 8859D6


 6019D6

 966FD6

 5304D6

 A384D6

 5100D6

 B09AD6

 BEAFD6

 CBC4D6

 D8DAD6

 E6EFD6

 F3FFD6

Harmonies

Analogous

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



0069F5



7B44D6



C6009A

Triad

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



7B44D6



A34E00



00817B

Complementary

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



7B44D6



9FD644

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.



007F2E



7B44D6



696A00

Square

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



7B44D6



CC0E09



007800



0081BF

Rectangle

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



7B44D6



D9006B



007800



008162

Sweetspot

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



7B44D6



DFCCFF



44A0D6



6C6180



000000



808080

Same Dimension

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



7B44D6



7D2EFF



C344D6



64606B



4000AB



10002B

Inverse Universe

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



D6449F



FF2EB0



57D644



6B6067



AB006A



2B001B

Previews

White Background



This preview shows how the Hex color 7B44D6 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

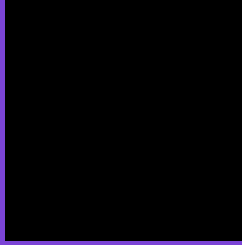
Any Text WCAG AA × Fail

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 7B44D6 Background



This preview shows how black text looks on a background with the Hex color 7B44D6.

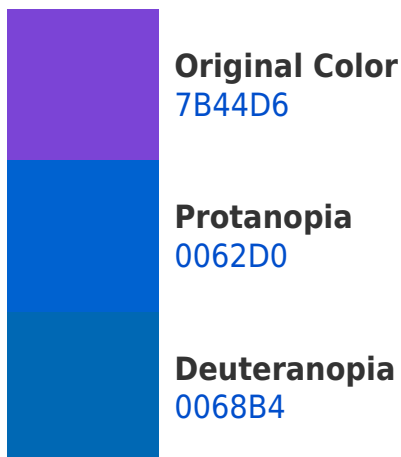



This preview shows how white text looks on a background with the Hex color 7B44D6.

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
62666E

Trichromacy



Original Color

7B44D6



Protanomaly

2D57D2



Deuteranomaly

2D5BC0



Tritanomaly

6B5A94

Monochromacy



Original Color

7B44D6



Achromatopsia

656565



Achromatomaly

6D598E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B44D6 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 #7B44D6 looks like.

```
.text, #text, p{  
    color:#7B44D6  
}
```

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 #7B44D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B44D6
}
```

Border

The CSS property to change the border of an element to Hex 7B44D6 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
#7B44D6 }
```

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

```
.border{ border-color:#7B44D6 }
```

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

Here you see how a box with a 4 pixel #7B44D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B44D6; -webkit-box-shadow:4px 4px  
4px 4px #7B44D6; box-shadow:4px 4px 4px  
4px #7B44D6 }
```

Background

The CSS property to change the background color of an element to Hex 7B44D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B44D6 }
```

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

```
.background{ background-color:#7B44D6 }
```

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