

Converting Colors

Hex(7B3DCB)

Have a look what the booklet for
Hex(7B3DCB) contains.

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Color

Hex(7B3DCB)

Conversions

Conversions Part 1

Format	Color
Hex	7B3DCB
RGB	123, 61, 203
RGB Percent	48%, 24%, 80%
CMY	0.5176, 0.7608, 0.2039
CMYK	0.39, 0.70, 0.00, 0.20
HSL	266°, 58%, 52%
HSV	266°, 70%, 80%
XYZ	20.6166, 11.8602, 57.7026
YIQ	95.7260, -8.6300, 57.3060

Conversions

Conversions Part 2

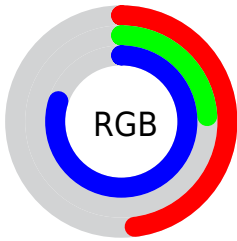
Format	Color
R _Y B	123, 61, 203
Decimal	8076747
CIE Lab	40.99, 54.76, -63.58
CIE LCh	41, 83.915, 310.736
Yxy	11.8602, 0.2286, 0.1315
Android (android.graphics.Color)	4286266827 (0xFF7B3DCB)
YUV	95.7260, 52.8861, 23.9193
Hunter-Lab	34.4387, 46.5907, -75.2342

Details

The Hex color **7B3DCB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8DCB3D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B571FF**, and **410094** is the 20% darker color. If you saturate the color by 10%, you get **7029CB**, and if you desaturate by 10%, it is **8651CB**.

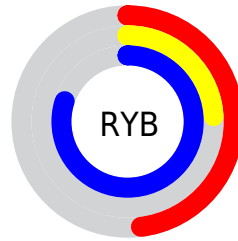
Distribution



Red (48%)

Green (24%)

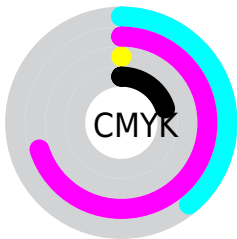
Blue (80%)



Red (48%)

Yellow (24%)

Blue (80%)

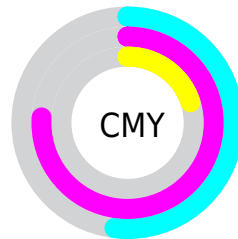


Cyan (39%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (76%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3DCB 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 7B3DCB by changing the saturation by 10% instead.

 7B3DCB

 7B3DCB

FFFFFF

 5E22AF

 B571FF

 410094

 D28CFF

 1F0079

 F0A7FF

 000060

 FFC3FF

 000047

 FFE0FF

 00042F

 FFFDFF

 00011A

 000000

 7B3DCB

 7B3DCB

 7029CB

 8651CB

 6414CB

 9266CB

 5900CB

 9D7ACB

 A98ECB

 B4A3CB

 C0B7CB

 CBCBCB

 D6DFCB

 E2F4CB

Harmonies

Analogous

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



0063EB



7B3DCB



C00090

Triad

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



7B3DCB



9A4C00



007B79

Complementary

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



7B3DCB



8DCB3D

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.



00792F



7B3DCB



606600

Square

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



7B3DCB



C21001



007300



007BBA

Rectangle

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



7B3DCB



D10062



007300



007B61

Sweetspot

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



7B3DCB



E1C9FF



3D8DCB



6E6080



000000



808080

Same Dimension

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



7B3DCB



8629FF



C23DCB



605C66



4800A6



110026

Inverse Universe

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



CB3D8D



FF29A1



46CB3D



665C62



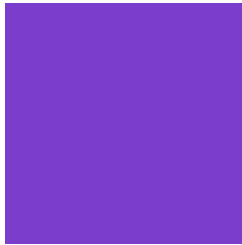
A6005D



260016

Previews

White Background



This preview shows how the Hex color 7B3DCB looks on a white background.

Color Contrast Check

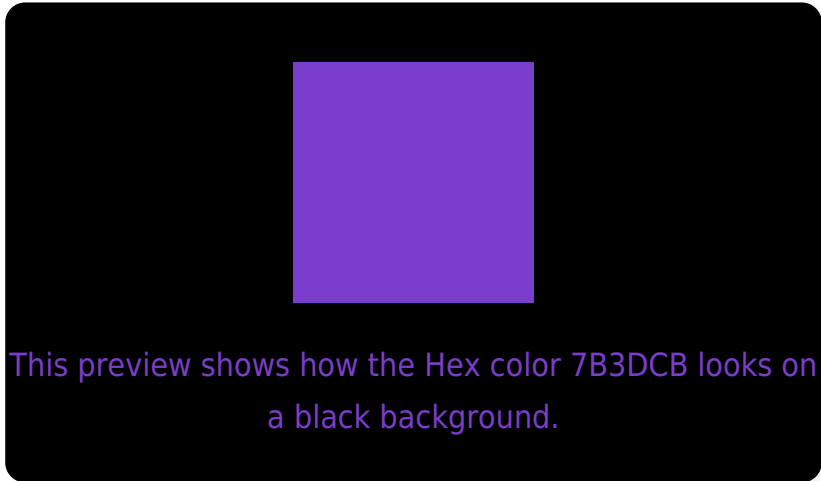
Large Text (above 18pt) WCAG AA ✓ Pass

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

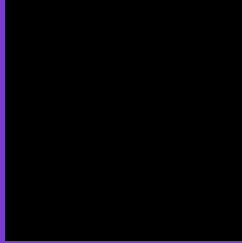
Any Text WCAG AA × Fail

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 7B3DCB Background



This preview shows how black text looks on a background with the Hex color 7B3DCB.

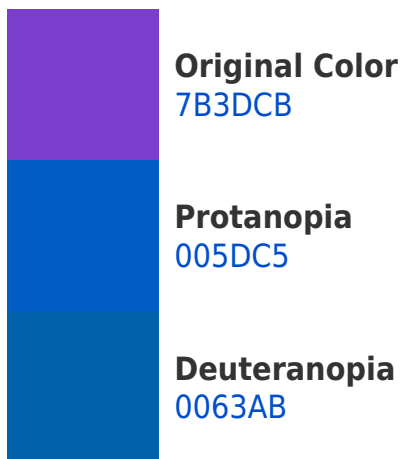


This preview shows how white text looks on a background with the Hex color 7B3DCB.

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](#).

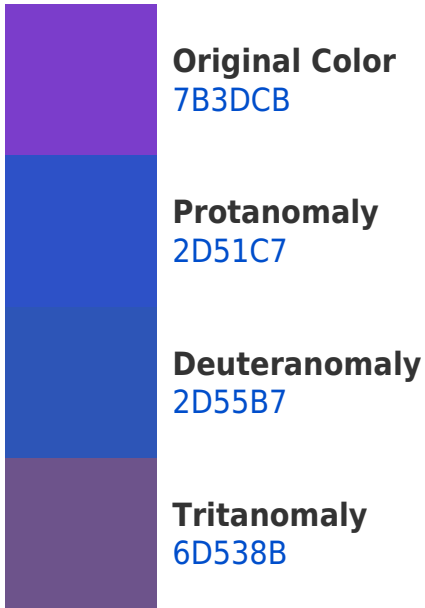
Dichromacy



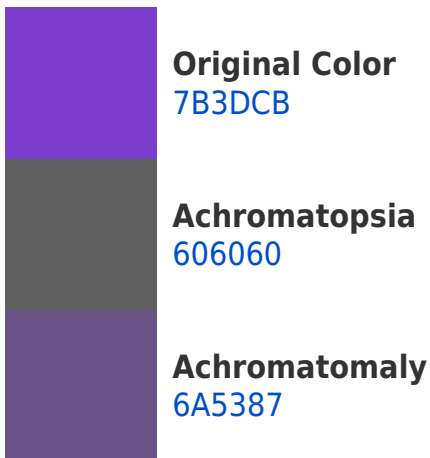


Tritanopia
655F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3DCB 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 #7B3DCB looks like.

```
.text, #text, p{  
    color:#7B3DCB  
}
```

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 #7B3DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3DCB
}
```

Border

The CSS property to change the border of an element to Hex 7B3DCB 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
#7B3DCB }
```

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

```
.border{ border-color:#7B3DCB }
```

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

Here you see how a box with a 4 pixel #7B3DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3DCB; -webkit-box-shadow:4px 4px  
4px 4px #7B3DCB; box-shadow:4px 4px 4px  
4px #7B3DCB }
```

Background

The CSS property to change the background color of an element to Hex 7B3DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3DCB }
```

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

```
.background{ background-color:#7B3DCB }
```

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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