

Converting Colors

Hex(7B3DB2)

Have a look what the booklet for
Hex(7B3DB2) contains.

Hex(7B3DB2)	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(7B3DB2)

Conversions

Conversions Part 1

Format	Color
Hex	7B3DB2
RGB	123, 61, 178
RGB Percent	48%, 24%, 70%
CMY	0.5176, 0.7608, 0.3020
CMYK	0.31, 0.66, 0.00, 0.30
HSL	272°, 49%, 47%
HSV	272°, 66%, 70%
XYZ	17.8730, 10.7628, 43.2549
YIQ	92.8760, -0.6050, 49.5310

Conversions

Conversions Part 2

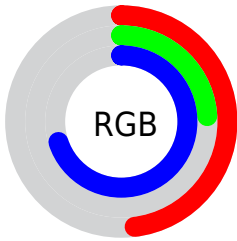
Format	Color
R_{YB}	123, 61, 178
Decimal	8076722
CIE _{Lab}	39.18, 48.62, -51.89
CIE _{LCh}	39, 71.108, 313.136
Yxy	10.7628, 0.2486, 0.1497
Android (android.graphics.Color)	4286266802 (0xFF7B3DB2)
YUV	92.8760, 41.9661, 26.4187
Hunter-Lab	32.8067, 39.8346, -55.2079

Details

The Hex color **7B3DB2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **74B23D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B370EA**, and **44047C** is the 20% darker color. If you saturate the color by 10%, you get **732BB2**, and if you desaturate by 10%, it is **834FB2**.

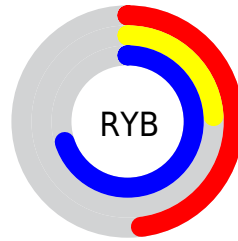
Distribution



Red (48%)

Green (24%)

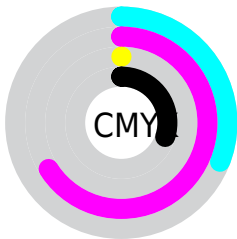
Blue (70%)



Red (48%)

Yellow (24%)

Blue (70%)

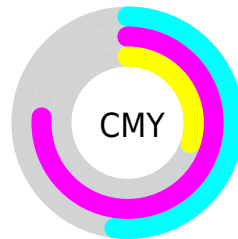


Cyan (31%)

Magenta (66%)

Yellow (0%)

Black (30%)



Cyan (52%)

Magenta (76%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3DB2 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 7B3DB2 by changing the saturation by 10% instead.

 7B3DB2

 7B3DB2

FFFFFF

 602397

 B370EA

 44047C

 D08BFF

 280063

 EDA6FF

 0E004A

 FFC2FF

 000332

 FFDEFF

 00021C

 FFFBFF

 000000

 7B3DB2

 7B3DB2

 732BB2

 834FB2

6A19B2

8C61B2

6208B2

9472B2

5E00B2

9C84B2

A596B2

ADA8B2

B6BAB2

BECBB2

C6DDB2

Harmonies

Analogous

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



005CCF



7B3DB2



B0007F

Triad

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



7B3DB2



8B4D00



007475

Complementary

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



7B3DB2



74B23D

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.



007238



7B3DB2



5A6200

Square

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



7B3DB2



AF2A09



006D00



0073AB

Rectangle

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



7B3DB2



BD0059



006D00



007461

Sweetspot

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



7B3DB2



D2BAE8



3D76B2



685975



F5F5F5



757575

Same Dimension

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



7B3DB2



9231E8



B23DB0



555059



510099



0E001A

Inverse Universe

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



B23D74



E83187



3DB23F



595055



990048



1A000C

Previews

White Background



This preview shows how the Hex color 7B3DB2 looks on a white background.

Color Contrast Check

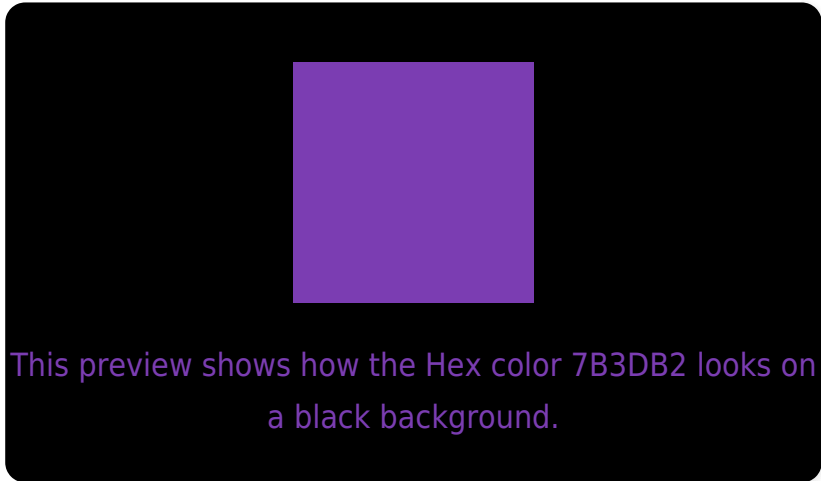
Large Text (above 18pt) WCAG AA ✓ Pass

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

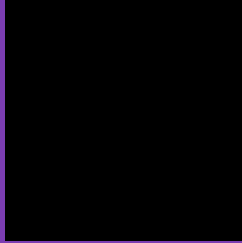
Any Text WCAG AA × Fail

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 7B3DB2 Background



This preview shows how black text looks on a background with the Hex color 7B3DB2.

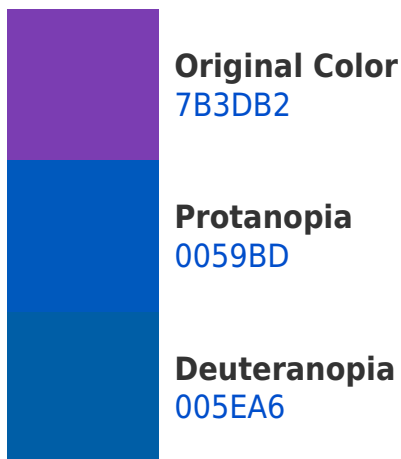


This preview shows how white text looks on a background with the Hex color 7B3DB2.

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
6B575E

Trichromacy



Original Color
7B3DB2



Protanomaly
2D4FB9



Deuteranomaly
2D52AA



Tritanomaly
714E7D

Monochromacy



Original Color
7B3DB2



Achromatopsia
5D5D5D



Achromatomaly
68517C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3DB2 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 #7B3DB2 looks like.

```
.text, #text, p{  
    color:#7B3DB2  
}
```

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 #7B3DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3DB2
}
```

Border

The CSS property to change the border of an element to Hex 7B3DB2 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
#7B3DB2 }
```

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

```
.border{ border-color:#7B3DB2 }
```

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

Here you see how a box with a 4 pixel #7B3DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3DB2; -webkit-box-shadow:4px 4px  
4px 4px #7B3DB2; box-shadow:4px 4px 4px  
4px #7B3DB2 }
```

Background

The CSS property to change the background color of an element to Hex 7B3DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3DB2 }
```

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

```
.background{ background-color:#7B3DB2 }
```

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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