

Converting Colors

Hex(7C3DB2)

Have a look what the booklet for
Hex(7C3DB2) contains.

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Color

Hex(7C3DB2)

Conversions

Conversions Part 1

Format	Color
Hex	7C3DB2
RGB	124, 61, 178
RGB Percent	49%, 24%, 70%
CMY	0.5137, 0.7608, 0.3020
CMYK	0.30, 0.66, 0.00, 0.30
HSL	272°, 49%, 47%
HSV	272°, 66%, 70%
XYZ	18.0168, 10.8369, 43.2616
YIQ	93.1750, -0.0090, 49.7430

Conversions

Conversions Part 2

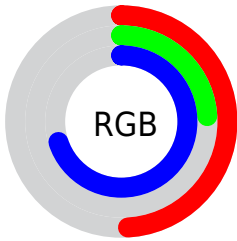
Format	Color
R_{YB}	124, 61, 178
Decimal	8142258
CIE _{Lab}	39.30, 48.84, -51.68
CIE _{LCh}	39, 71.106, 313.382
Yxy	10.8369, 0.2498, 0.1503
Android (android.graphics.Color)	4286332338 (0xFF7C3DB2)
YUV	93.1750, 41.8187, 27.0335
Hunter-Lab	32.9195, 40.0838, -54.8732

Details

The Hex color **7C3DB2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **73B23D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B470EA**, and **45047C** is the 20% darker color. If you saturate the color by 10%, you get **742BB2**, and if you desaturate by 10%, it is **844FB2**.

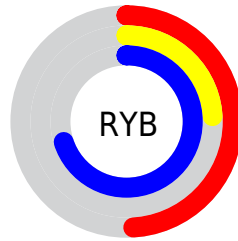
Distribution



Red (49%)

Green (24%)

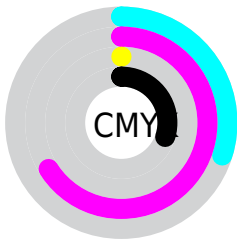
Blue (70%)



Red (49%)

Yellow (24%)

Blue (70%)

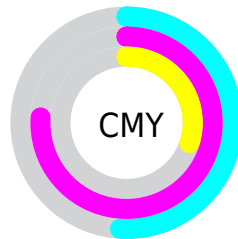


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (76%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C3DB2 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 7C3DB2 by changing the saturation by 10% instead.

 7C3DB2

 7C3DB2

FFFFFF

 612397

 B470EA

 45047C

 D18BFF

 290063

 EEA6FF

 10004A

 FFC2FF

 000232

 FFDEFF

 00021C

 FFFBFF

 000000

 7C3DB2

 7C3DB2

 742BB2

 844FB2

 6C19B2

 8C61B2

 6308B2

 9572B2

 6000B2

 9D84B2

 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



7C3DB2



B1007F

Triad

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



7C3DB2



8B4E00



007476

Complementary

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



7C3DB2



73B23D

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.



007239



7C3DB2



5A6200

Square

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



7C3DB2



AF2B09



006D00



0073AC

Rectangle

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



7C3DB2



BD0059



006D00



007462

Sweetspot

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



7C3DB2



D3BAE8



3D74B2



685975



F5F5F5



757575

Same Dimension

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



7C3DB2



9331E8



B23DAE



555059



520099



0E001A

Inverse Universe

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



B23D73



E83185



3DB241



595054



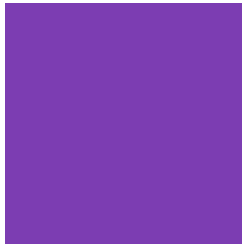
990047



1A000C

Previews

White Background



This preview shows how the Hex color 7C3DB2 looks on a white background.

Color Contrast Check

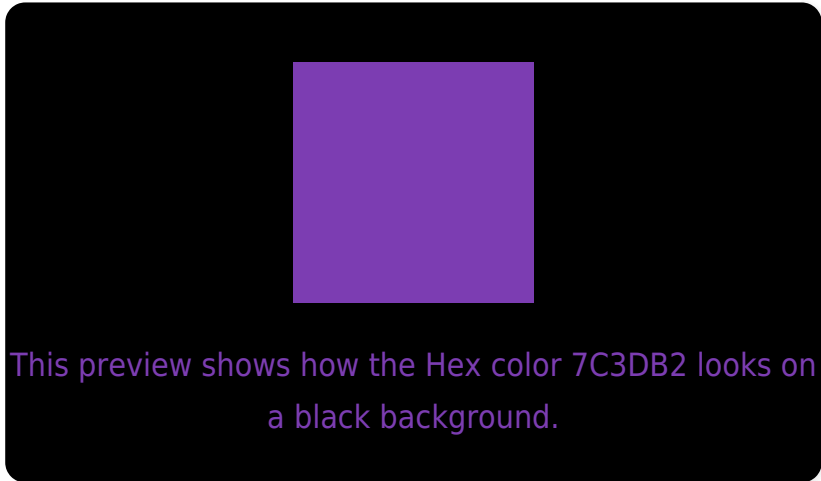
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C3DB2 Background



This preview shows how black text looks on a background with the Hex color 7C3DB2.

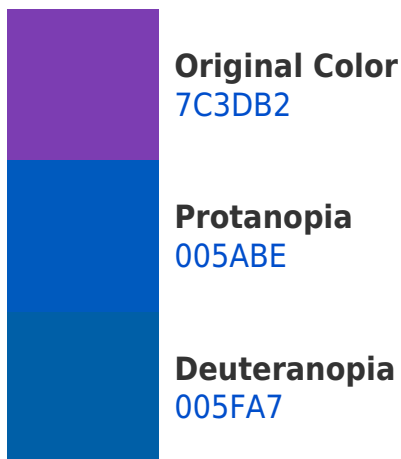


This preview shows how white text looks on a background with the Hex color 7C3DB2.

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](#).

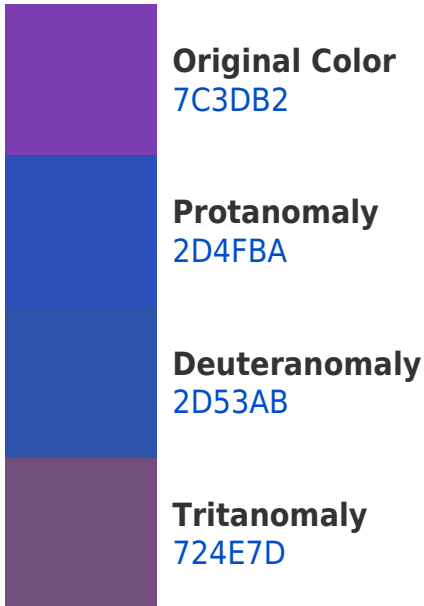
Dichromacy



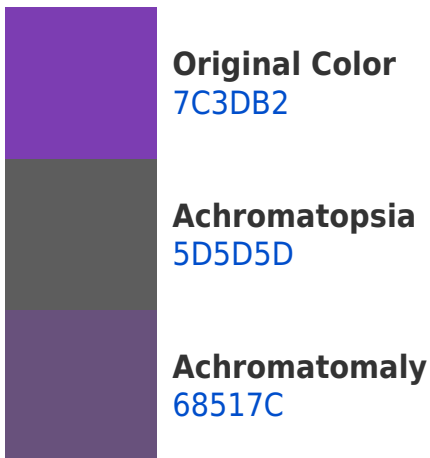


Tritanopia
6D575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C3DB2 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 #7C3DB2 looks like.

```
.text, #text, p{  
    color:#7C3DB2  
}
```

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 #7C3DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3DB2
}
```

Border

The CSS property to change the border of an element to Hex 7C3DB2 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
#7C3DB2 }
```

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

```
.border{ border-color:#7C3DB2 }
```

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

Here you see how a box with a 4 pixel #7C3DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3DB2; -webkit-box-shadow:4px 4px  
4px 4px #7C3DB2; box-shadow:4px 4px 4px  
4px #7C3DB2 }
```

Background

The CSS property to change the background color of an element to Hex 7C3DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3DB2 }
```

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

```
.background{ background-color:#7C3DB2 }
```

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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