

Converting Colors

Hex(7C3DE0)

Have a look what the booklet for
Hex(7C3DE0) contains.

Hex(7C3DE0)	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(7C3DE0)

Conversions

Conversions Part 1

Format	Color
Hex	7C3DE0
RGB	124, 61, 224
RGB Percent	49%, 24%, 88%
CMY	0.5137, 0.7608, 0.1216
CMYK	0.45, 0.73, 0.00, 0.12
HSL	263°, 72%, 56%
HSV	263°, 73%, 88%
XYZ	23.4355, 13.0044, 71.7959
YIQ	98.4190, -14.7750, 64.0490

Conversions

Conversions Part 2

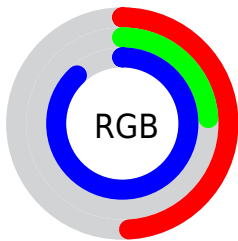
Format	Color
RYB	124, 61, 224
Decimal	8142304
CIELab	42.77, 60.21, -72.75
CIELCh	43, 94.437, 309.614
Yxy	13.0044, 0.2165, 0.1201
Android (android.graphics.Color)	4286332384 (0xFF7C3DE0)
YUV	98.4190, 61.9114, 22.4345
Hunter-Lab	36.0616, 52.8946, -92.7988

Details

The Hex color **7C3DE0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **A1E03D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B872FF**, and **3E00A7** is the 20% darker color. If you saturate the color by 10%, you get **6E27E0**, and if you desaturate by 10%, it is **8A53E0**.

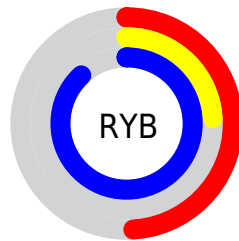
Distribution



Red (49%)

Green (24%)

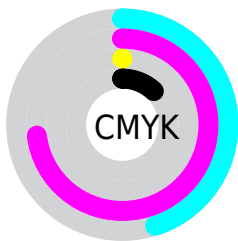
Blue (88%)



Red (49%)

Yellow (24%)

Blue (88%)

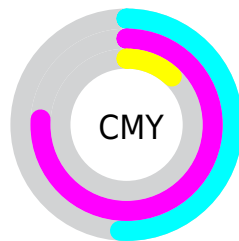


Cyan (45%)

Magenta (73%)

Yellow (0%)

Black (12%)



Cyan (51%)

Magenta (76%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C3DE0 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 7C3DE0 by changing the saturation by 10% instead.

 7C3DE0

 7C3DE0

FFFFFF

 5E21C3

 B872FF

 3E00A7

 D68DFF

 13008C

 F4A8FF

 000072

 FFC4FF

 000058

 FFE1FF

 000740

FFFEFF

 000329

 000113

 000000

7C3DE0

7C3DE0

6E27E0

8A53E0

6110E0

976AE0

5700E0

A580E0

B397E0

C1ADE0

CEC3E0

DCDAE0

EAF0E0

F8FFE0

Harmonies

Analogous

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



0069FF



7C3DE0



CE009D

Triad

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



7C3DE0



A54B00



00827D

Complementary

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



7C3DE0



A1E03D

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.



007F28



7C3DE0



656A00

Square

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



7C3DE0



D30000



007900



0082C9

Rectangle

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



7C3DE0



E3006A



007900



008162

Sweetspot

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



7C3DE0



DDC7FF



3DA2E0



6B5E80



000000



808080

Same Dimension

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



7C3DE0



7721FF



CD3DE0



696570



4400B0



130030

Inverse Universe

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



E03DA1



FF21A9



50E03D



70656C



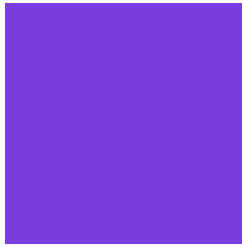
B0006C



30001E

Previews

White Background



This preview shows how the Hex color 7C3DE0 looks on a white background.

Color Contrast Check

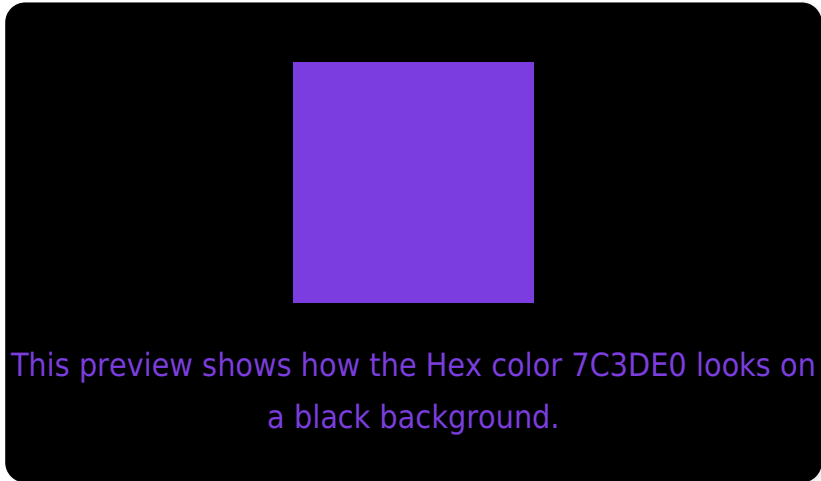
Large Text (above 18pt) WCAG AA ✓ Pass

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

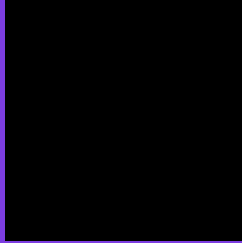
Any Text WCAG AA × Fail

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 7C3DE0 Background



This preview shows how black text looks on a background with the Hex color 7C3DE0.




This preview shows how white text looks on a background with the Hex color 7C3DE0.

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](#).

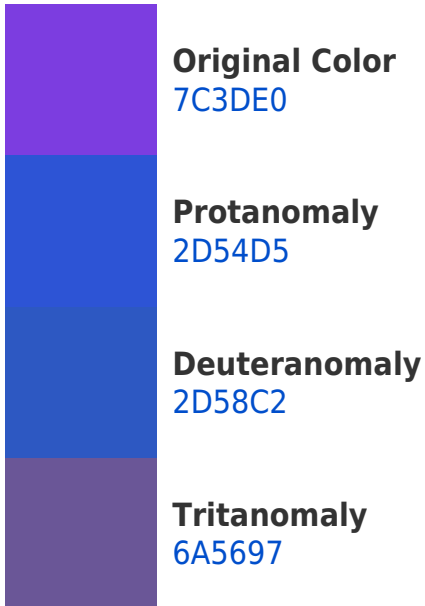
Dichromacy





Tritanopia
60656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C3DE0 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 #7C3DE0 looks like.

```
.text, #text, p{  
    color:#7C3DE0  
}
```

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 #7C3DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3DE0
}
```

Border

The CSS property to change the border of an element to Hex 7C3DE0 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
#7C3DE0 }
```

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

```
.border{ border-color:#7C3DE0 }
```

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

Here you see how a box with a 4 pixel #7C3DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3DE0; -webkit-box-shadow:4px 4px  
4px 4px #7C3DE0; box-shadow:4px 4px 4px  
4px #7C3DE0 }
```

Background

The CSS property to change the background color of an element to Hex 7C3DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3DE0 }
```

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

```
.background{ background-color:#7C3DE0 }
```

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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