

Converting Colors

Hex(7C7BE3)

Have a look what the booklet for
Hex(7C7BE3) contains.

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Color

Hex(7C7BE3)

Conversions

Conversions Part 1

Format	Color
Hex	7C7BE3
RGB	124, 123, 227
RGB Percent	49%, 48%, 89%
CMY	0.5137, 0.5176, 0.1098
CMYK	0.45, 0.46, 0.00, 0.11
HSL	241°, 65%, 69%
HSV	241°, 46%, 89%
XYZ	29.2603, 23.9971, 75.7628
YIQ	135.1550, -32.7880, 32.5560

Conversions

Conversions Part 2

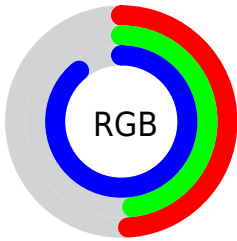
Format	Color
RYB	124, 123, 227
Decimal	8158179
CIELab	56.08, 26.90, -52.94
CIELCh	56, 59.384, 296.936
Yxy	23.9971, 0.2268, 0.1860
Android (android.graphics.Color)	4286348259 (0xFF7C7BE3)
YUV	135.1550, 45.2796, -9.7829
Hunter-Lab	48.9868, 20.8928, -57.4069

Details

The Hex color **7C7BE3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E2E37B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B5AFFF**, and **424AAB** is the 20% darker color. If you saturate the color by 10%, you get **6664E3**, and if you desaturate by 10%, it is **9292E3**.

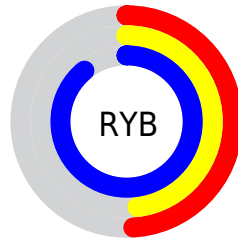
Distribution



Red (49%)

Green (48%)

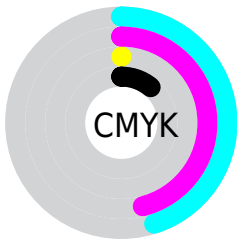
Blue (89%)



Red (49%)

Yellow (48%)

Blue (89%)

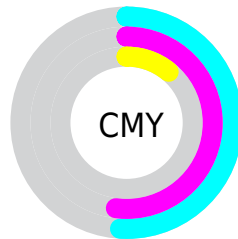


Cyan (45%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7BE3 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 7C7BE3 by changing the saturation by 10% instead.

7C7BE3

7C7BE3

FFFFFF

6062C7

B5AFFF

424AAB

D2CBFF

213490

F0E7FF

001F76

000B5C

000044

00032D

000117

000000

■ 7C7BE3

■ 7C7BE3

■ 6664E3

■ 9292E3

■ 4F4EE3

■ A9A8E3

■ 3937E3

■ BFBFE3

■ 2220E3

■ D6D6E3

■ 0C0AE3

■ ECECE3

■ 0200E3

■ FFFFE3

Harmonies

Analogous

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



008EEE



7C7BE3



C064C0

Triad

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



7C7BE3



CB6E2E



009E7F

Complementary

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



7C7BE3



E2E37B

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.



229A4B



7C7BE3



A5820C

Square

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



7C7BE3



E1595B



72911E



009EB4

Rectangle

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



7C7BE3



D8579F



72911E



009D6D

Sweetspot

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



7C7BE3



DCDBFF



7BE3E3



6A6A80



000000



808080

Same Dimension

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



7C7BE3



7473FF



AF7BE3



676773



0200B3



000033

Inverse Universe

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



E37BE2



FF73FE



AFE37B



736773



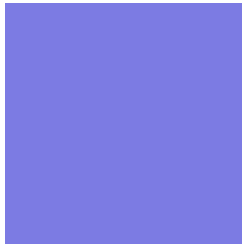
B300B1



330033

Previews

White Background



This preview shows how the Hex color 7C7BE3 looks on a white background.

Color Contrast Check

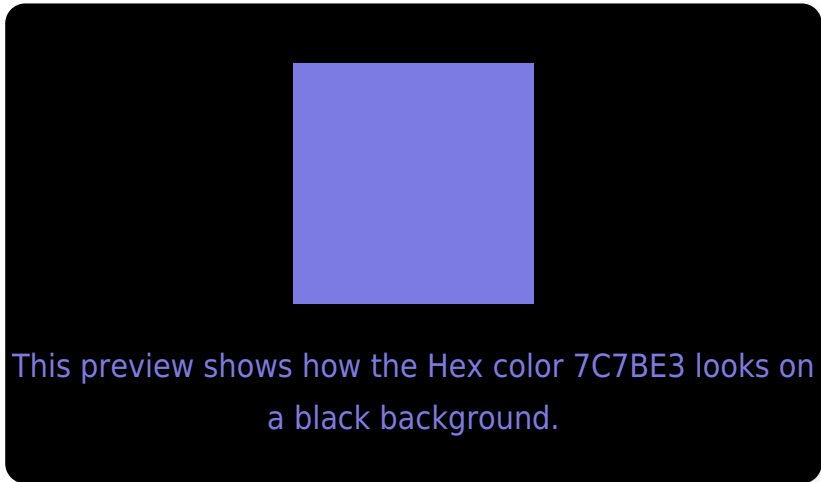
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7C7BE3 Background



This preview shows how black text looks on a background with the Hex color 7C7BE3.



This preview shows how white text looks on a background with the Hex color 7C7BE3.

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](#).

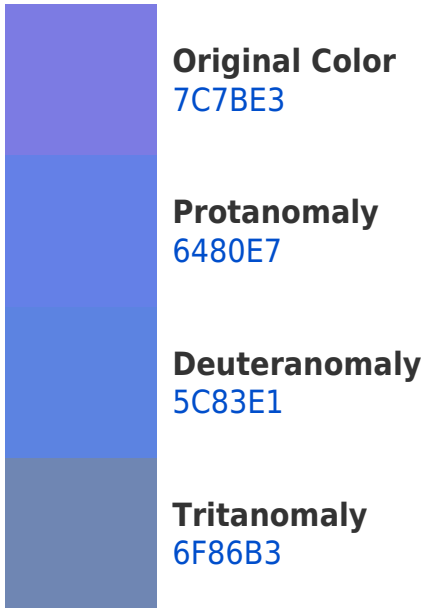
Dichromacy





Tritanopia
678C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7BE3 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 #7C7BE3 looks like.

```
.text, #text, p{  
    color:#7C7BE3  
}
```

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 #7C7BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7BE3
}
```

Border

The CSS property to change the border of an element to Hex 7C7BE3 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
#7C7BE3 }
```

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

```
.border{ border-color:#7C7BE3 }
```

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

Here you see how a box with a 4 pixel #7C7BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7BE3; -webkit-box-shadow:4px 4px  
4px 4px #7C7BE3; box-shadow:4px 4px 4px  
4px #7C7BE3 }
```

Background

The CSS property to change the background color of an element to Hex 7C7BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7BE3 }
```

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

```
.background{ background-color:#7C7BE3 }
```

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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