

Converting Colors

Hex(7D3CC4)

Have a look what the booklet for
Hex(7D3CC4) contains.

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Color

Hex(7D3CC4)

Conversions

Conversions Part 1

Format	Color
Hex	7D3CC4
RGB	125, 60, 196
RGB Percent	49%, 24%, 77%
CMY	0.5098, 0.7647, 0.2314
CMYK	0.36, 0.69, 0.00, 0.23
HSL	269°, 54%, 50%
HSV	269°, 69%, 77%
XYZ	20.0371, 11.5772, 53.4031
YIQ	94.9390, -4.9160, 56.0760

Conversions

Conversions Part 2

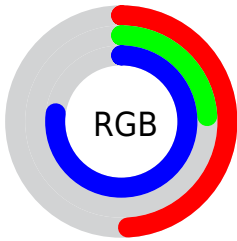
Format	Color
R_{YB}	125, 60, 196
Decimal	8207556
CIE _{Lab}	40.54, 53.89, -60.25
CIE _{LCh}	41, 80.832, 311.811
Yxy	11.5772, 0.2357, 0.1362
Android (android.graphics.Color)	4286397636 (0xFF7D3CC4)
YUV	94.9390, 49.8231, 26.3635
Hunter-Lab	34.0253, 45.5723, -69.2386

Details

The Hex color **7D3CC4** 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 **83C43C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B670FE**, and **44008D** is the 20% darker color. If you saturate the color by 10%, you get **7328C4**, and if you desaturate by 10%, it is **8750C4**.

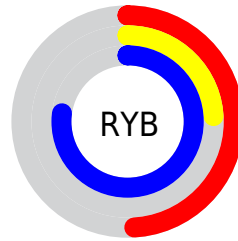
Distribution



Red (49%)

Green (24%)

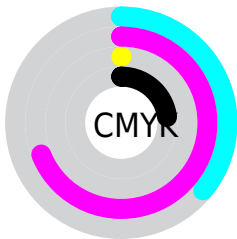
Blue (77%)



Red (49%)

Yellow (24%)

Blue (77%)

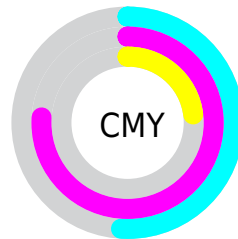


Cyan (36%)

Magenta (69%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (76%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D3CC4 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 7D3CC4 by changing the saturation by 10% instead.

7D3CC4

7D3CC4

FFFFFF

6121A8

B670FE

44008D

D48BFF

250073

F1A6FF

00005A

FFC2FF

000041

FFDFFF

00032A

FFFCFF

000114

000000

7D3CC4

7D3CC4

7328C4

8750C4

6915C4

9163C4

5E01C4

9C77C4

5E00C4

A68AC4

B09EC4

BAB2C4

C5C5C4

CFD9C4

D9ECC4

Harmonies

Analogous

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



0061E4



7D3CC4



BD008A

Triad

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



7D3CC4



954D00



007979

Complementary

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



7D3CC4



83C43C

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.



007733



7D3CC4



5E6500

Square

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



7D3CC4



BD1B01



007200



0079B8

Rectangle

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



7D3CC4



CC005F



007200



007962

Sweetspot

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



7D3CC4



E3C9FF



3C85C4



6F6080



000000



808080

Same Dimension

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



7D3CC4



912BFF



BF3CC4



5C5761



4D00A1



100021

Inverse Universe

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



C43C83



FF2B9A



41C43C



61575C



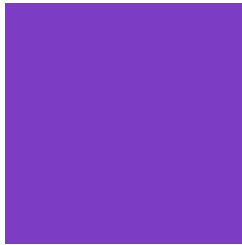
A10054



210011

Previews

White Background



This preview shows how the Hex color 7D3CC4 looks on a white background.

Color Contrast Check

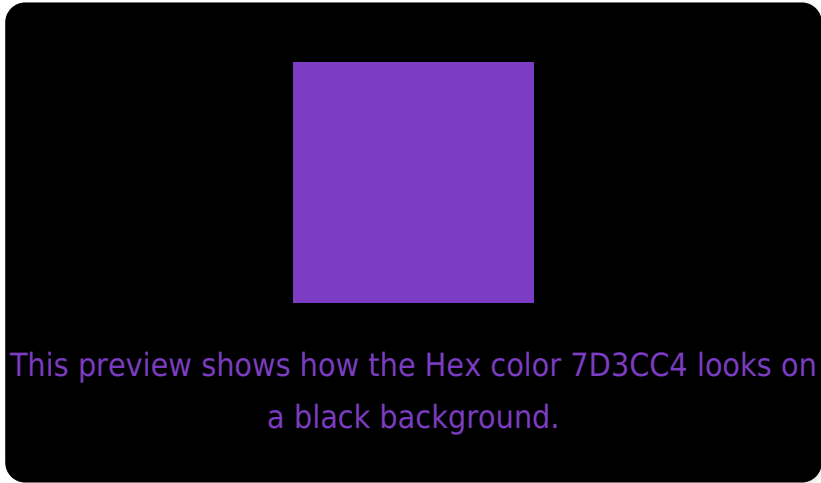
Large Text (above 18pt) WCAG AA ✓ Pass

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

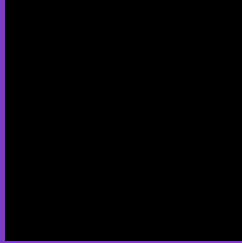
Any Text WCAG AA × Fail

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 7D3CC4 Background



This preview shows how black text looks on a background with the Hex color 7D3CC4.

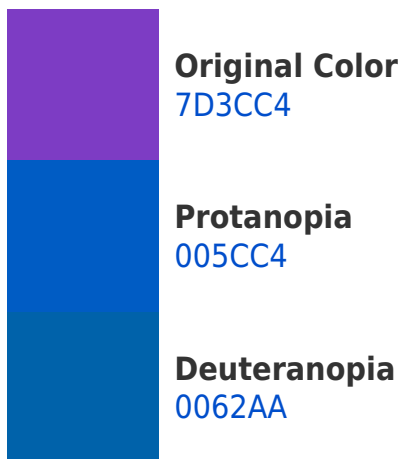



This preview shows how white text looks on a background with the Hex color 7D3CC4.

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
695C63

Trichromacy



Original Color

7D3CC4



Protanomaly

2D50C4



Deuteranomaly

2D54B3



Tritanomaly

705086

Monochromacy



Original Color

7D3CC4



Achromatopsia

5F5F5F



Achromatomaly

6A5284

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D3CC4 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 #7D3CC4 looks like.

```
.text, #text, p{  
    color:#7D3CC4  
}
```

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 #7D3CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3CC4
}
```

Border

The CSS property to change the border of an element to Hex 7D3CC4 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
#7D3CC4 }
```

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

```
.border{ border-color:#7D3CC4 }
```

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

Here you see how a box with a 4 pixel #7D3CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3CC4; -webkit-box-shadow:4px 4px  
4px 4px #7D3CC4; box-shadow:4px 4px 4px  
4px #7D3CC4 }
```

Background

The CSS property to change the background color of an element to Hex 7D3CC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3CC4 }
```

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

```
.background{ background-color:#7D3CC4 }
```

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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