

Converting Colors

Hex(7D66CE)

Have a look what the booklet for
Hex(7D66CE) contains.

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Color

Hex(7D66CE)

Conversions

Conversions Part 1

Format	Color
Hex	7D66CE
RGB	125, 102, 206
RGB Percent	49%, 40%, 81%
CMY	0.5098, 0.6000, 0.1922
CMYK	0.39, 0.50, 0.00, 0.19
HSL	253°, 51%, 60%
HSV	253°, 50%, 81%
XYZ	24.3494, 18.3189, 60.6451
YIQ	120.7330, -19.6760, 37.2200

Conversions

Conversions Part 2

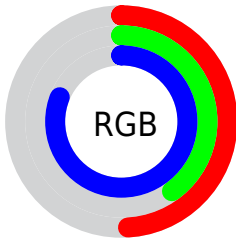
Format	Color
R_{YB}	125, 102, 206
Decimal	8218318
CIE _{Lab}	49.88, 33.59, -50.97
CIE _{LCh}	50, 61.038, 303.385
Yxy	18.3189, 0.2357, 0.1773
Android (android.graphics.Color)	4286408398 (0xFF7D66CE)
YUV	120.7330, 42.0366, 3.7422
Hunter-Lab	42.8006, 26.6480, -54.0487

Details

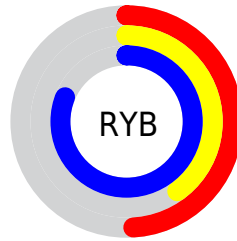
The Hex color **7D66CE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7CE66**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B599FF**, and **463697** is the 20% darker color. If you saturate the color by 10%, you get **6D51CE**, and if you desaturate by 10%, it is **8D7BCE**.

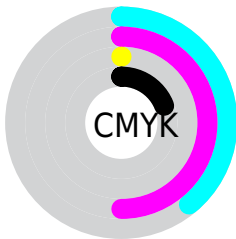
Distribution



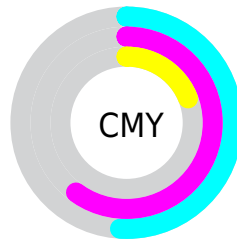
- Red (49%)
- Green (40%)
- Blue (81%)



- Red (49%)
- Yellow (40%)
- Blue (81%)



- Cyan (39%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D66CE 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 7D66CE by changing the saturation by 10% instead.

■ 7D66CE

■ 7D66CE

FFFFFF

■ 614EB2

■ B599FF

■ 463697

■ D2B4FF

■ 28207D

■ EFD0FF

■ 000B63

■ FFEDFF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 7D66CE

■ 7D66CE

 6D51CE

 8D7BCE

 5D3DCE

 9D8FCE

 4D28CE

 ADA4CE

 3D14CE

 BDB8CE

 2E00CE

 CDCDCE

 DDE2CE

 EDF6CE

 FDF6CE

 FFFFCE

Harmonies

Analogous

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



007BDF



7D66CE



B94DA6

Triad

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



7D66CE



B26210



008E7B

Complementary

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



7D66CE



B7CE66

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.



008B45



7D66CE



897600

Square

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



7D66CE



CD4B41



54840F



008EAF

Rectangle

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



7D66CE



CD4084



54840F



008D69

Sweetspot

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



7D66CE



E1D9FF



66B7CE



6E6980



000000



808080

Same Dimension

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



7D66CE



8663FF



B166CE



5E5C66



2500A6



080026

Inverse Universe

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



CE66B7



FF63DD



83CE66



665C64



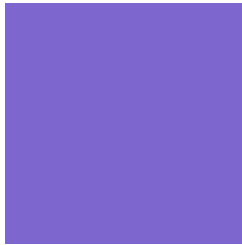
A60081



26001E

Previews

White Background



This preview shows how the Hex color 7D66CE 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

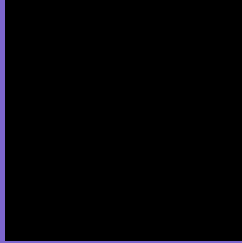
Any Text WCAG AA ✓ Pass

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 7D66CE Background



This preview shows how black text looks on a background with the Hex color 7D66CE.

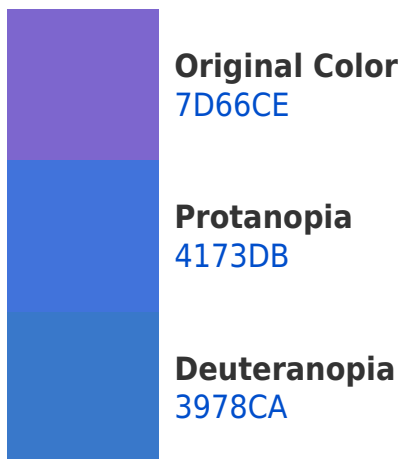


This preview shows how white text looks on a background with the Hex color 7D66CE.

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
6B7882

Trichromacy



Original Color
7D66CE

Protanomaly
576ED6

Deuteranomaly
5271CB

Tritanomaly
72719E

Monochromacy



Original Color
7D66CE

Achromatopsia
797979

Achromatomaly
7A7298

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D66CE 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 #7D66CE looks like.

```
.text, #text, p{  
    color:#7D66CE  
}
```

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 #7D66CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D66CE
}
```

Border

The CSS property to change the border of an element to Hex 7D66CE 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
#7D66CE }
```

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

```
.border{ border-color:#7D66CE }
```

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

Here you see how a box with a 4 pixel #7D66CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D66CE; -webkit-box-shadow:4px 4px  
4px 4px #7D66CE; box-shadow:4px 4px 4px  
4px #7D66CE }
```

Background

The CSS property to change the background color of an element to Hex 7D66CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D66CE }
```

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

```
.background{ background-color:#7D66CE }
```

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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