

Converting Colors

Hex(7D50C7)

Have a look what the booklet for
Hex(7D50C7) contains.

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Color

Hex(7D50C7)

Conversions

Conversions Part 1

Format	Color
Hex	7D50C7
RGB	125, 80, 199
RGB Percent	49%, 31%, 78%
CMY	0.5098, 0.6863, 0.2196
CMYK	0.37, 0.60, 0.00, 0.22
HSL	263°, 52%, 55%
HSV	263°, 60%, 78%
XYZ	21.6349, 14.2208, 55.6374
YIQ	107.0210, -11.3790, 46.5490

Conversions

Conversions Part 2

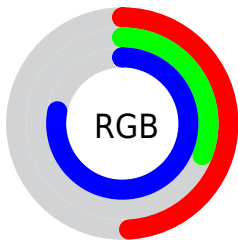
Format	Color
R_{YB}	125, 80, 199
Decimal	8212679
CIE _{Lab}	44.55, 44.30, -55.50
CIE _{LCh}	45, 71.016, 308.599
Yxy	14.2208, 0.2365, 0.1554
Android (android.graphics.Color)	4286402759 (0xFF7D50C7)
YUV	107.0210, 45.3456, 15.7676
Hunter-Lab	37.7105, 36.4140, -61.0781

Details

The Hex color **7D50C7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **9AC750**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B683FF**, and **451F90** is the 20% darker color. If you saturate the color by 10%, you get **713CC7**, and if you desaturate by 10%, it is **8964C7**.

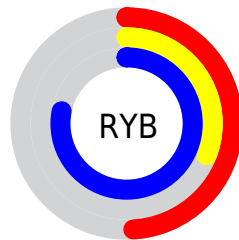
Distribution



Red (49%)

Green (31%)

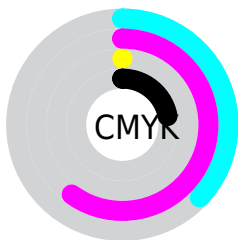
Blue (78%)



Red (49%)

Yellow (31%)

Blue (78%)

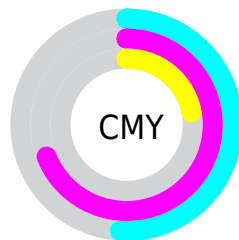


Cyan (37%)

Magenta (60%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (69%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D50C7 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 7D50C7 by changing the saturation by 10% instead.

7D50C7

7D50C7

FFFFFF

6137AB

B683FF

451F90

D39EFF

270476

F0B9FF

00005C

FFD5FF

000044

FFF2FF

00032D

000117

000000

7D50C7

7D50C7

713CC7

8964C7

6428C7

9678C7

5814C7

A28CC7

4C00C7

AEA0C7

4B00C7

BBB4C7

C7C7C7

D4DBC7

E0EFC7

ECFFC7

Harmonies

Analogous

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



006CE0



7D50C7



BA2896

Triad

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



7D50C7



A25600



008279

Complementary

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



7D50C7



9AC750

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.



00803B



7D50C7



716C00

Square

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



7D50C7



C33422



2B7900



0082B2

Rectangle

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



7D50C7



CC0D6F



2B7900



008265

Sweetspot

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



7D50C7



E2D1FF



509BC7



6E6380



000000



808080

Same Dimension

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



7D50C7



8D47FF



B750C7



5D5A63



3E00A3



0D0024

Inverse Universe

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



C7509A



FF47BA



60C750



635A60



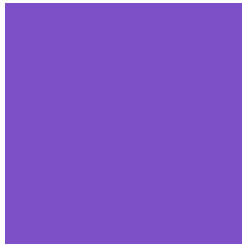
A30065



240016

Previews

White Background



This preview shows how the Hex color 7D50C7 looks on a white background.

Color Contrast Check

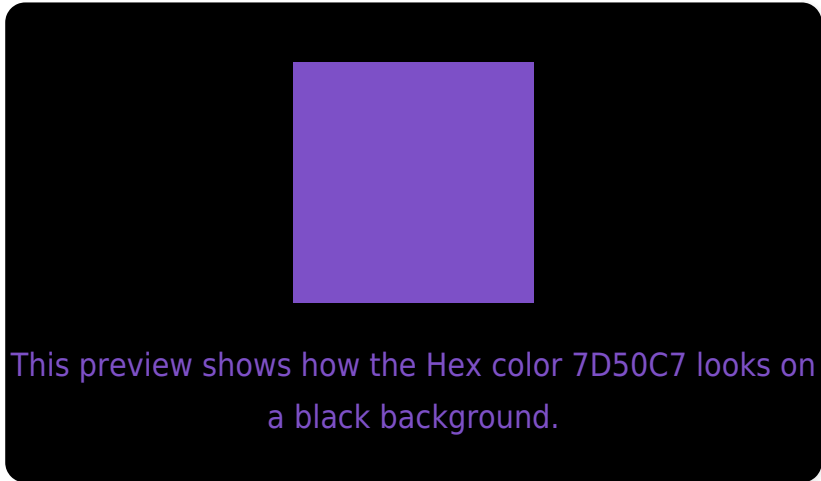
Large Text (above 18pt) WCAG AA ✓ Pass

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

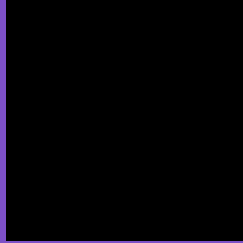
Any Text WCAG AA × Fail

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 7D50C7 Background



This preview shows how black text looks on a background with the Hex color 7D50C7.



This preview shows how white text looks on a background with the Hex color 7D50C7.

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](#).

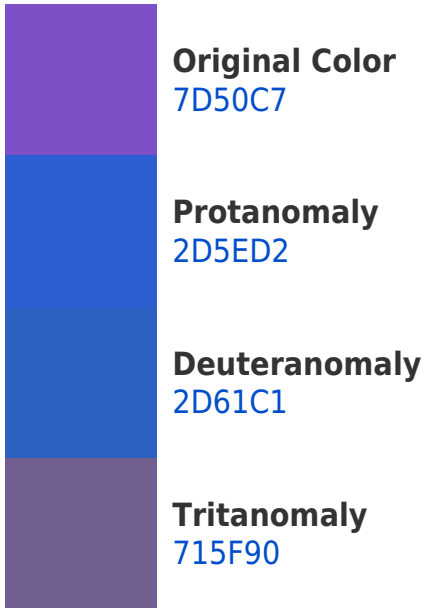
Dichromacy





Tritanopia
6A6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D50C7 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 #7D50C7 looks like.

```
.text, #text, p{  
    color:#7D50C7  
}
```

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 #7D50C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D50C7
}
```

Border

The CSS property to change the border of an element to Hex 7D50C7 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
#7D50C7 }
```

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

```
.border{ border-color:#7D50C7 }
```

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

Here you see how a box with a 4 pixel #7D50C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D50C7; -webkit-box-shadow:4px 4px  
4px 4px #7D50C7; box-shadow:4px 4px 4px  
4px #7D50C7 }
```

Background

The CSS property to change the background color of an element to Hex 7D50C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D50C7 }
```

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

```
.background{ background-color:#7D50C7 }
```

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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