

Converting Colors

Hex(7D71D5)

Have a look what the booklet for
Hex(7D71D5) contains.

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Color

Hex(7D71D5)

Conversions

Conversions Part 1

Format	Color
Hex	7D71D5
RGB	125, 113, 213
RGB Percent	49%, 44%, 84%
CMY	0.5098, 0.5569, 0.1647
CMYK	0.41, 0.47, 0.00, 0.16
HSL	247°, 54%, 64%
HSV	247°, 47%, 84%
XYZ	26.3728, 20.9743, 65.6092
YIQ	127.9880, -24.9480, 33.6440

Conversions

Conversions Part 2

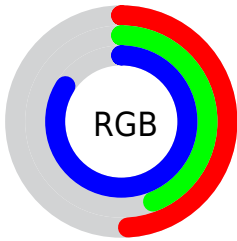
Format	Color
RYB	125, 113, 213
Decimal	8221141
CIELab	52.92, 29.04, -50.10
CIELCh	53, 57.907, 300.103
Yxy	20.9743, 0.2335, 0.1857
Android (android.graphics.Color)	4286411221 (0xFF7D71D5)
YUV	127.9880, 41.9109, -2.6205
Hunter-Lab	45.7977, 22.6439, -52.8797

Details

The Hex color **7D71D5** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C9D571**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B5A5FF**, and **45419E** is the 20% darker color. If you saturate the color by 10%, you get **6A5CD5**, and if you desaturate by 10%, it is **9086D5**.

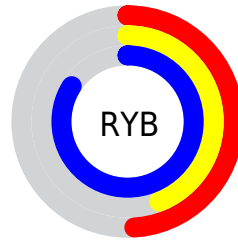
Distribution



Red (49%)

Green (44%)

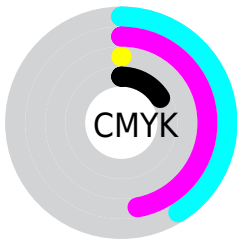
Blue (84%)



Red (49%)

Yellow (44%)

Blue (84%)

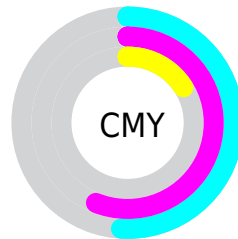


Cyan (41%)

Magenta (47%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (56%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D71D5 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 7D71D5 by changing the saturation by 10% instead.

■ 7D71D5

■ 7D71D5

FFFFFF

■ 6158B9

■ B5A5FF

■ 45419E

■ D2C0FF

■ 272B83

■ EFDCFF

■ 001669

■ FFF9FF

■ 000051

■ 000539

■ 000222

■ 000008

■ 000000

 7D71D5

 7D71D5

 6A5CD5

 9086D5

 5846D5

 A29CD5

 4531D5

 B5B1D5

 321CD5

 C8C6D5

 1F06D5

 DBDBD5

 1A00D5

 EDF1D5

 FFFFD5

Harmonies

Analogous

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



0084E2



7D71D5



BA5AB1

Triad

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



7D71D5



BD6925



00957D

Complementary

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



7D71D5



C9D571

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.



00924A



7D71D5



977C03

Square

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



7D71D5



D4544F



658A1D



0095AF

Rectangle

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



7D71D5



CF4F91



658A1D



00956C

Sweetspot

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



7D71D5



E0DBFF



71C9D5



6C6A80



000000



808080

Same Dimension

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



7D71D5



8170FF



AF71D5



62606B



1500AB



05002B

Inverse Universe

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



D571C9



FF70EE



97D571



6B606A



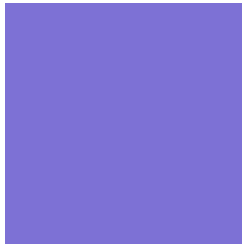
AB0096



2B0026

Previews

White Background



This preview shows how the Hex color 7D71D5 looks on a white background.

Color Contrast Check

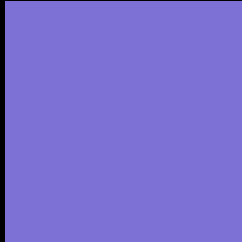
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7D71D5 looks on a 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 7D71D5 Background



This preview shows how black text looks on a background with the Hex color 7D71D5.

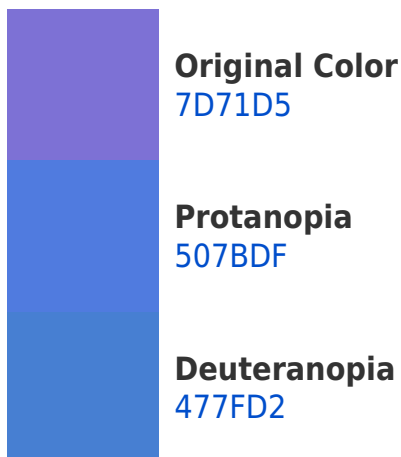



This preview shows how white text looks on a background with the Hex color 7D71D5.

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](#).

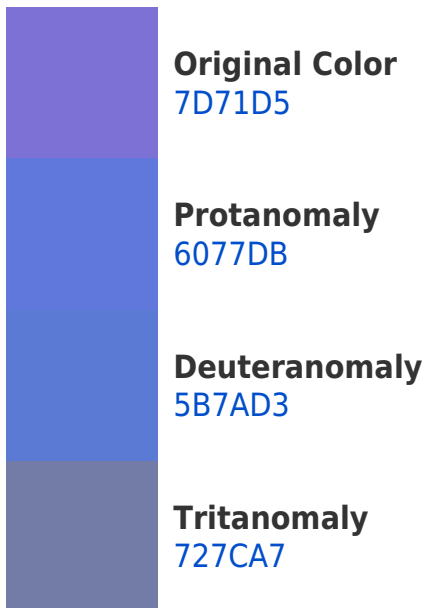
Dichromacy





Tritanopia
6B828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D71D5 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 #7D71D5 looks like.

```
.text, #text, p{  
    color:#7D71D5  
}
```

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 #7D71D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D71D5
}
```

Border

The CSS property to change the border of an element to Hex 7D71D5 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
#7D71D5 }
```

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

```
.border{ border-color:#7D71D5 }
```

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

Here you see how a box with a 4 pixel #7D71D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D71D5; -webkit-box-shadow:4px 4px  
4px 4px #7D71D5; box-shadow:4px 4px 4px  
4px #7D71D5 }
```

Background

The CSS property to change the background color of an element to Hex 7D71D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D71D5 }
```

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

```
.background{ background-color:#7D71D5 }
```

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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