

Converting Colors

Hex(7816D5)

Have a look what the booklet for
Hex(7816D5) contains.

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Color

Hex(7816D5)

Conversions

Conversions Part 1

Format	Color
Hex	7816D5
RGB	120, 22, 213
RGB Percent	47%, 9%, 84%
CMY	0.5294, 0.9137, 0.1647
CMYK	0.44, 0.90, 0.00, 0.16
HSL	271°, 81%, 46%
HSV	271°, 90%, 84%
XYZ	20.0429, 9.3710, 63.7032
YIQ	73.0760, -2.9030, 80.1770

Conversions

Conversions Part 2

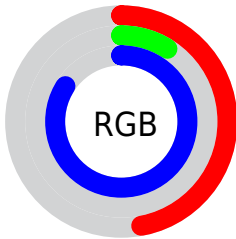
Format	Color
R_{YB}	120, 22, 213
Decimal	7870165
CIE _{Lab}	36.69, 70.50, -76.43
CIE _{LCh}	37, 103.981, 312.688
Yxy	9.3710, 0.2152, 0.1006
Android (android.graphics.Color)	4286060245 (0xFF7816D5)
YUV	73.0760, 68.9825, 41.1523
Hunter-Lab	30.6121, 63.2996, -101.9531

Details

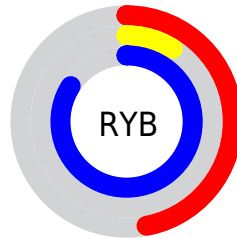
The Hex color **7816D5** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **73D516**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B455FF**, and **38009D** is the 20% darker color. If you saturate the color by 10%, you get **6E01D5**, and if you desaturate by 10%, it is **822BD5**.

Distribution



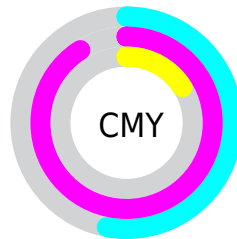
- Red (47%)
- Green (9%)
- Blue (84%)



- Red (47%)
- Yellow (9%)
- Blue (84%)



- Cyan (44%)
- Magenta (90%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (91%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7816D5 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 7816D5 by changing the saturation by 10% instead.

 7816D5

 7816D5

FFFFFF

 5900B9

 B455FF

 38009D

 D271FF

 050082

 F18DFF

 000068

 FFA9FF

 00004E

 FFC6FF

 000536

 FFE3FF

 000220

 000004

 000000

■ 7816D5

■ 7816D5

■ 6E01D5

■ 822BD5

■ 6D00D5

■ 8D41D5

■ 9756D5

■ A16BD5

■ AC81D5

■ B696D5

■ C1ABD5

■ CBC0D5

■ D5D6D5

Harmonies

Analogous

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



0059FF



7816D5



CA008A

Triad

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



7816D5



903F00



00727A

Complementary

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



7816D5



73D516

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.



00701E



7816D5



495E00

Square

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



7816D5



C30000



006B00



0074C9

Rectangle

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



7816D5



DB0054



006B00



00725C

Sweetspot

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



7816D5



DDBAFF



1676D5



6C5780



000000



808080

Same Dimension

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



7816D5



8300FF



D516D5



66606B



5800AB



16002B

Inverse Universe

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



D51673



FF007C



16D516



6B6066



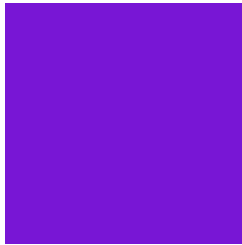
AB0053



2B0015

Previews

White Background



This preview shows how the Hex color 7816D5 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 7816D5 Background



This preview shows how black text looks on a background with the Hex color 7816D5.

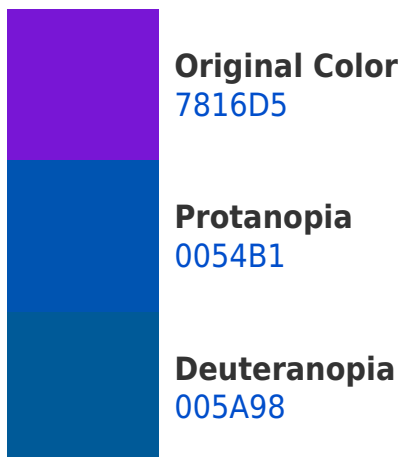


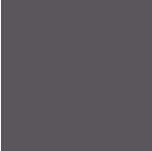
This preview shows how white text looks on a background with the Hex color 7816D5.

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
5C555B

Trichromacy



Original Color
7816D5



Protanomaly
2C3DBE



Deuteranomaly
2C41AE



Tritanomaly
663E87

Monochromacy



Original Color
7816D5



Achromatopsia
494949



Achromatomaly
5A367C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7816D5 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 #7816D5 looks like.

```
.text, #text, p{  
    color:#7816D5  
}
```

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 #7816D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7816D5
}
```

Border

The CSS property to change the border of an element to Hex 7816D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

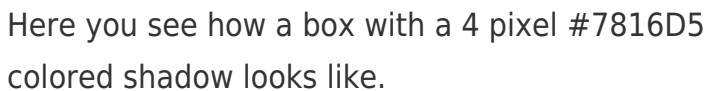
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7816D5 }
```

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

```
.border{ border-color:#7816D5 }
```

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



Here you see how a box with a 4 pixel `#7816D5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7816D5; -webkit-box-shadow:4px 4px  
4px 4px #7816D5; box-shadow:4px 4px 4px  
4px #7816D5 }
```

Background

The CSS property to change the background color of an element to Hex 7816D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7816D5 }
```

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

```
.background{ background-color:#7816D5 }
```

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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