

# Converting Colors

Hex(7D85D5)

Have a look what the booklet for  
Hex(7D85D5) contains.

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# Color

Hex(7D85D5)

# Conversions

## Conversions Part 1

Format	Color
Hex	7D85D5
RGB	125, 133, 213
RGB Percent	49%, 52%, 84%
CMY	0.5098, 0.4784, 0.1647
CMYK	0.41, 0.38, 0.00, 0.16
HSL	235°, 51%, 66%
HSV	235°, 41%, 84%
XYZ	28.8552, 25.9391, 66.4367
YIQ	139.7280, -30.4480, 23.1840

# Conversions

## Conversions Part 2

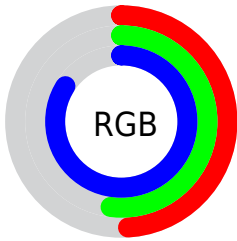
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 132, 213</a>
Decimal	<a href="#">8226261</a>
CIELab	<a href="#">57.98, 17.17, -42.08</a>
CIElCh	<a href="#">58, 45.451, 292.195</a>
Yxy	<a href="#">25.9391, 0.2380, 0.2140</a>
Android (android.graphics.Color)	<a href="#">4286416341 (0xFF7D85D5)</a>
YUV	<a href="#">139.7280, 36.1231, -12.9165</a>
Hunter-Lab	<a href="#">50.9305, 12.0028, -41.6900</a>

# Details

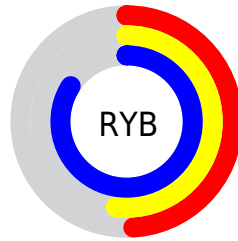
The Hex color **7D85D5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D5CD7D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B5BAFF**, and **46549E** is the 20% darker color. If you saturate the color by 10%, you get **6872D5**, and if you desaturate by 10%, it is **9298D5**.

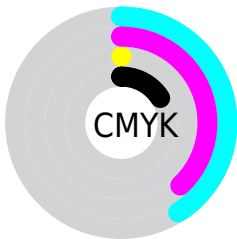
# Distribution



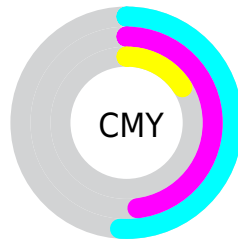
- Red (49%)
- Green (52%)
- Blue (84%)



- Red (49%)
- Yellow (52%)
- Blue (84%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (48%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D85D5 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 7D85D5 by changing the saturation by 10% instead.



7D85D5

7D85D5

FFFFFF

626CB9

B5BAFF

46549E

D1D6FF

2A3D83

EEF2FF

00276A

001451

00003A

000223

00000A

000000

 7D85D5

 7D85D5

 6872D5

 9298D5

 525ED5

 A8ACD5

 3D4BD5

 BDBFD5

 2838D5

 D2D2D5

 1224D5

 E8E6D5

 0013D5

 FDF9D5

 FFFFD5

# Harmonies

## Analogous

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



1293DA



7D85D5



B275BD

# Triad

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



7D85D5



C8774E



009F7F

# Complementary

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



7D85D5



D5CD7D

# 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.



569A59



7D85D5



AB863A

# Square

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



7D85D5



D56B6F



85923E



009FA8

# Rectangle

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



7D85D5



C86DA5



85923E



249E72



# Sweetspot

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



7D85D5



E0E3FF



7DD5CC



6E6F80



000000



808080



# Same Dimension

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



7D85D5



808BFF



A07DD5



60616B



0010AB



00042B



# Inverse Universe

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



D57D85



FF808B



B2D57D



6B6061



AB0010

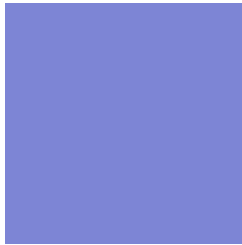


2B0004



# Previews

## White Background



This preview shows how the Hex color 7D85D5 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 7D85D5 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 7D85D5 Background



This preview shows how black text looks on a background with the Hex color 7D85D5.




This preview shows how white text looks on a background with the Hex color 7D85D5.

# 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](#).

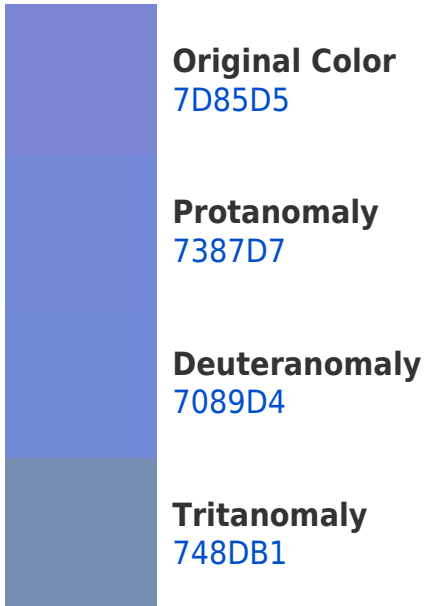
## Dichromacy



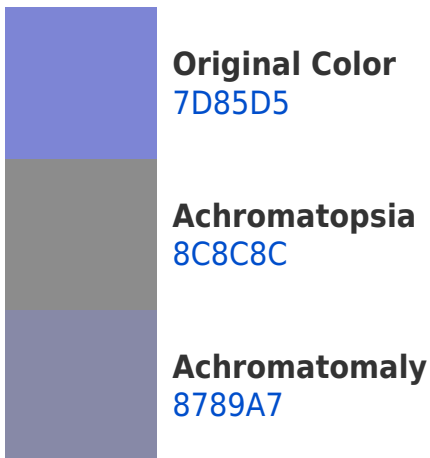


**Tritanopia**  
6F919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D85D5 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 #7D85D5 looks like.

```
.text, #text, p{  
    color:#7D85D5  
}
```

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 #7D85D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D85D5
}
```

## Border

The CSS property to change the border of an element to Hex 7D85D5 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
#7D85D5 }
```

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

```
.border{ border-color:#7D85D5 }
```

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

Here you see how a box with a 4 pixel #7D85D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D85D5; -webkit-box-shadow:4px 4px  
4px 4px #7D85D5; box-shadow:4px 4px 4px  
4px #7D85D5 }
```

# Background

The CSS property to change the background color of an element to Hex 7D85D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D85D5 }
```

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

```
.background{ background-color:#7D85D5 }
```

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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