

Converting Colors

Hex(7D5ED6)

Have a look what the booklet for
Hex(7D5ED6) contains.

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Color

Hex(7D5ED6)

Conversions

Conversions Part 1

Format	Color
Hex	7D5ED6
RGB	125, 94, 214
RGB Percent	49%, 37%, 84%
CMY	0.5098, 0.6314, 0.1608
CMYK	0.42, 0.56, 0.00, 0.16
HSL	255°, 59%, 60%
HSV	255°, 56%, 84%
XYZ	24.5977, 17.2204, 65.6458
YIQ	116.9490, -20.0440, 43.8920

Conversions

Conversions Part 2

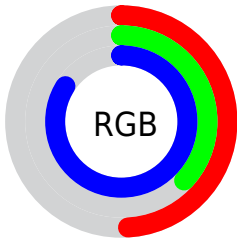
Format	Color
R _Y B	125, 94, 214
Decimal	8216278
CIE Lab	48.54, 40.46, -57.69
CIE LCh	49, 70.460, 305.042
Yxy	17.2204, 0.2289, 0.1602
Android (android.graphics.Color)	4286406358 (0xFF7D5ED6)
YUV	116.9490, 47.8461, 7.0607
Hunter-Lab	41.4975, 33.1857, -64.7438

Details

The Hex color **7D5ED6** 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 **B7D65E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B691FF**, and **442E9E** is the 20% darker color. If you saturate the color by 10%, you get **6D49D6**, and if you desaturate by 10%, it is **8D73D6**.

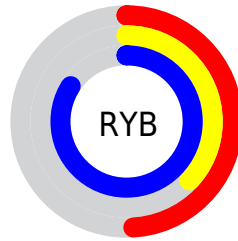
Distribution



Red (49%)

Green (37%)

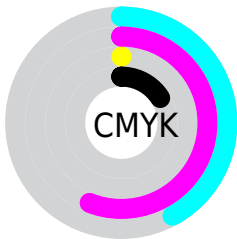
Blue (84%)



Red (49%)

Yellow (37%)

Blue (84%)

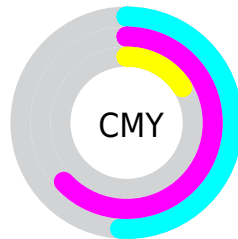


Cyan (42%)

Magenta (56%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (63%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D5ED6 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 7D5ED6 by changing the saturation by 10% instead.

7D5ED6

7D5ED6

FFFFFF

6146BA

B691FF

442E9E

D3ACFF

241784

F1C8FF

00016A

FFE4FF

000051

000539

000222

000008

000000

 7D5ED6

 7D5ED6

 6D49D6

 8D73D6

 5D33D6

 9D89D6

 4D1ED6

 AD9ED6

 3E08D6

 BCB4D6

 3700D6

 CCC9D6

 DCDED6

 ECF4D6

 FCFFD6

 FFFFD6

Harmonies

Analogous

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



0078EB



7D5ED6



C13BA7

Triad

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



7D5ED6



B25D00



008D7C

Complementary

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



7D5ED6



B7D65E

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.



008A3D



7D5ED6



837400

Square

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



7D5ED6



D23C32



438200



008CB7

Rectangle

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



7D5ED6



D52780



438200



008C67

Sweetspot

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



7D5ED6



DFD4FF



5EB8D6



6D6680



000000



808080

Same Dimension

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



7D5ED6



8054FF



B85ED6



63606B



2C00AB



0B002B

Inverse Universe

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



D65EB7



FF54D3



7CD65E



6B6068



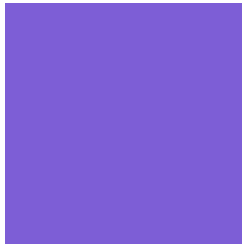
AB007F



2B0020

Previews

White Background



This preview shows how the Hex color 7D5ED6 looks on a white background.

Color Contrast Check

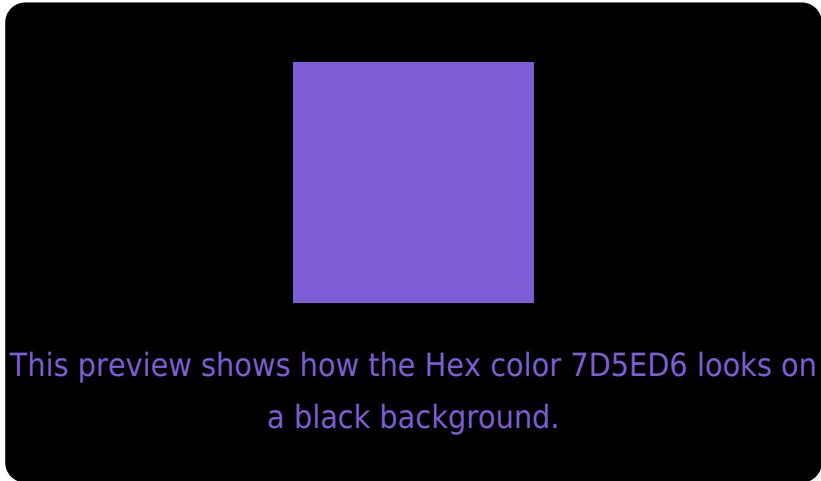
Large Text (above 18pt) WCAG AA ✓ Pass

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

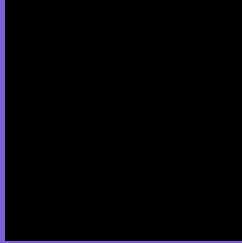
Any Text WCAG AA × Fail

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 7D5ED6 Background



This preview shows how black text looks on a background with the Hex color 7D5ED6.

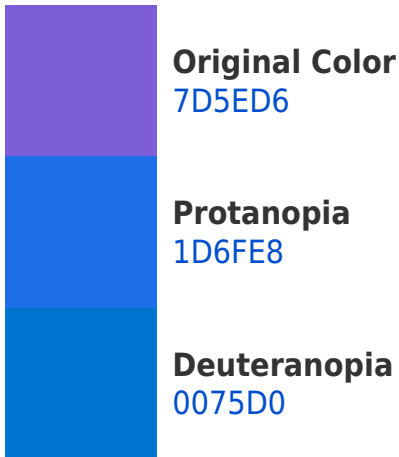


This preview shows how white text looks on a background with the Hex color 7D5ED6.

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](#).

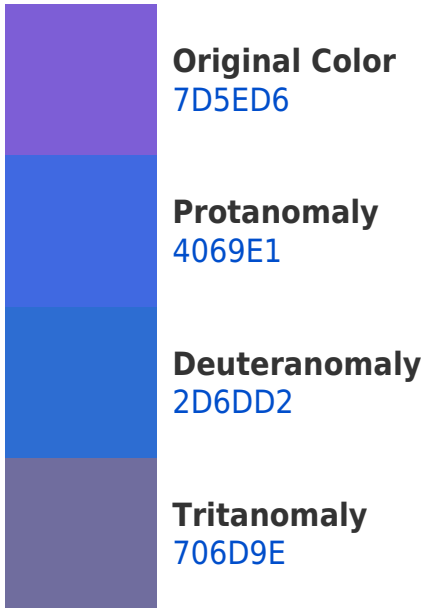
Dichromacy





Tritanopia
68757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D5ED6 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 #7D5ED6 looks like.

```
.text, #text, p{  
    color:#7D5ED6  
}
```

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 #7D5ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5ED6
}
```

Border

The CSS property to change the border of an element to Hex 7D5ED6 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
#7D5ED6 }
```

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

```
.border{ border-color:#7D5ED6 }
```

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

Here you see how a box with a 4 pixel #7D5ED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5ED6; -webkit-box-shadow:4px 4px  
4px 4px #7D5ED6; box-shadow:4px 4px 4px  
4px #7D5ED6 }
```

Background

The CSS property to change the background color of an element to Hex 7D5ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5ED6 }
```

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

```
.background{ background-color:#7D5ED6 }
```

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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