

Converting Colors

Hex(7859D6)

Have a look what the booklet for
Hex(7859D6) contains.

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Color

Hex(7859D6)

Conversions

Conversions Part 1

Format	Color
Hex	7859D6
RGB	120, 89, 214
RGB Percent	47%, 35%, 84%
CMY	0.5294, 0.6510, 0.1608
CMYK	0.44, 0.58, 0.00, 0.16
HSL	255°, 60%, 59%
HSV	255°, 58%, 84%
XYZ	23.4557, 15.9929, 65.4690
YIQ	112.5190, -21.6490, 45.4470

Conversions

Conversions Part 2

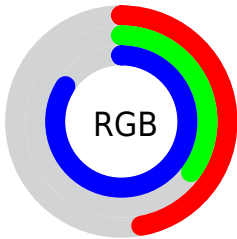
Format	Color
R _Y B	120, 89, 214
Decimal	7887318
CIE Lab	46.97, 42.22, -60.25
CIE LCh	47, 73.567, 305.023
Yxy	15.9929, 0.2236, 0.1524
Android (android.graphics.Color)	4286077398 (0xFF7859D6)
YUV	112.5190, 50.0301, 6.5608
Hunter-Lab	39.9911, 34.7100, -69.0693

Details

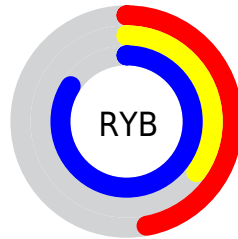
The Hex color **7859D6** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **B7D659**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B28CFF**, and **3D299E** is the 20% darker color. If you saturate the color by 10%, you get **6844D6**, and if you desaturate by 10%, it is **886ED6**.

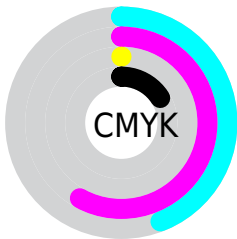
Distribution



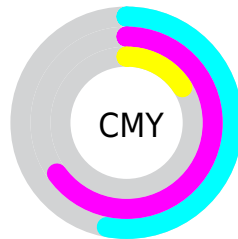
- Red (47%)
- Green (35%)
- Blue (84%)



- Red (47%)
- Yellow (35%)
- Blue (84%)



- Cyan (44%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7859D6 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 7859D6 by changing the saturation by 10% instead.

 7859D6

 7859D6

FFFFFF

 5B41BA

 B28CFF

 3D299E

 CFA7FF

 1A1284

 ECC2FF

 00006A

 FFDFFF

 000051

 FFFBFF

 000538

 000222

 000008

 000000

 7859D6

 7859D6

 6844D6

 886ED6

 582ED6

 9884D6

 4819D6

 A899D6

 3803D6

 B8AFD6

 3500D6

 C8C4D6

 D9D9D6

 E9EFD6

 F9FFD6

 FFFFD6

Harmonies

Analogous

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



0074EC



7859D6



BF31A5

Triad

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



7859D6



AF5800



008978

Complementary

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



7859D6



B7D659

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.



008637



7859D6



7E7000

Square

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



7859D6



D0332C



3B7F00



0089B5

Rectangle

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



7859D6



D4147C



3B7F00



008963

Sweetspot

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



7859D6



DCD1FF



59B9D6



6A6380



000000



808080

Same Dimension

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



7859D6



794DFF



B559D6



63606B



2A00AB



0B002B

Inverse Universe

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



D659B7



FF4DD3



7AD659



6B6068



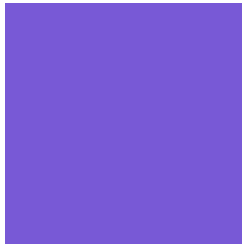
AB0080



2B0021

Previews

White Background



This preview shows how the Hex color 7859D6 looks on a white background.

Color Contrast Check

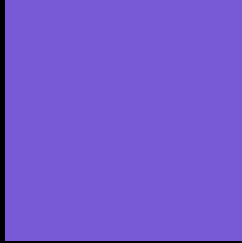
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7859D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

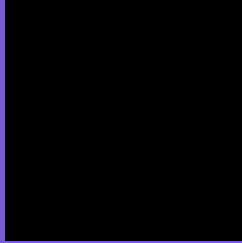
Any Text WCAG AA × Fail

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 7859D6 Background



This preview shows how black text looks on a background with the Hex color 7859D6.

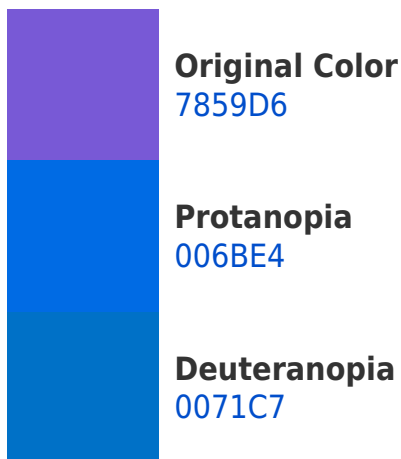


This preview shows how white text looks on a background with the Hex color 7859D6.

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](#).

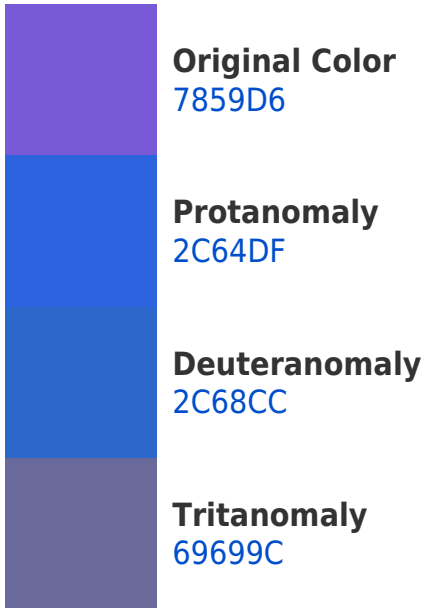
Dichromacy





Tritanopia
61727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7859D6 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 #7859D6 looks like.

```
.text, #text, p{  
    color:#7859D6  
}
```

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 #7859D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7859D6
}
```

Border

The CSS property to change the border of an element to Hex 7859D6 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
#7859D6 }
```

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

```
.border{ border-color:#7859D6 }
```

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

Here you see how a box with a 4 pixel #7859D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7859D6; -webkit-box-shadow:4px 4px  
4px 4px #7859D6; box-shadow:4px 4px 4px  
4px #7859D6 }
```

Background

The CSS property to change the background color of an element to Hex 7859D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7859D6 }
```

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

```
.background{ background-color:#7859D6 }
```

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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