

Converting Colors

Hex(798DC6)

Have a look what the booklet for
Hex(798DC6) contains.

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Color

Hex(798DC6)

Conversions

Conversions Part 1

Format	Color
Hex	798DC6
RGB	121, 141, 198
RGB Percent	47%, 55%, 78%
CMY	0.5255, 0.4471, 0.2235
CMYK	0.39, 0.29, 0.00, 0.22
HSL	224°, 40%, 63%
HSV	224°, 39%, 78%
XYZ	27.6031, 27.1919, 57.2198
YIQ	141.5180, -30.2170, 13.4870

Conversions

Conversions Part 2

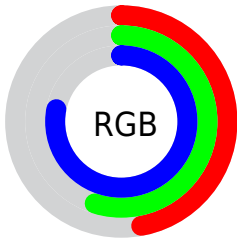
Format	Color
R_{YB}	121, 137, 198
Decimal	7966150
CIE Lab	59.15, 7.18, -31.82
CIE LCh	59, 32.625, 282.721
Yxy	27.1919, 0.2464, 0.2428
Android (android.graphics.Color)	4286156230 (0xFF798DC6)
YUV	141.5180, 27.8456, -17.9943
Hunter-Lab	52.1459, 3.2325, -28.5570

Details

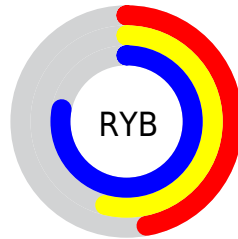
The Hex color **798DC6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6B279**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B0C2FF**, and **445B90** is the 20% darker color. If you saturate the color by 10%, you get **657EC6**, and if you desaturate by 10%, it is **8D9CC6**.

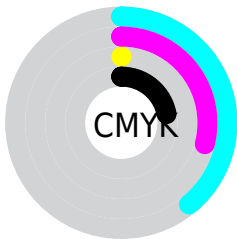
Distribution



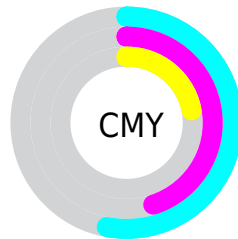
- Red (47%)
- Green (55%)
- Blue (78%)



- Red (47%)
- Yellow (54%)
- Blue (78%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798DC6 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 798DC6 by changing the saturation by 10% instead.

■ 798DC6

■ 798DC6

FFFFFF

■ 5E74AB

■ B0C2FF

■ 445B90

■ CCDEFF

■ 294476

■ E9FBFF

■ 072E5D

■ 001A45

■ 00012F

■ 000119

■ 000000

■ 798DC6

■ 798DC6

■ 657EC6

■ 8D9CC6

■ 5170C6

■ A1AAC6

■ 3E61C6

■ B4B9C6

■ 2A52C6

■ C8C8C6

■ 1644C6

■ DCD6C6

■ 0235C6

■ F0E5C6

■ 0033C6

■ FFF4C6

■ FFFFC6

Harmonies

Analogous

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



4896C4



798DC6



A183B9

Triad

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



798DC6



C17E69



529D7C

Complementary

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



798DC6



C6B279

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.



759863



798DC6



B08758

Square

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



798DC6



C67883



959156



299E9A

Rectangle

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



798DC6



B57CA9



959156



5E9B73

Sweetspot

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



798DC6



E0E8FF



79C6B1



6E7280



000000



808080

Same Dimension

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



798DC6



87A6FF



8B79C6



5A5C63



002AA3



000924

Inverse Universe

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



C6798D



FF87A6



B4C679



635A5C



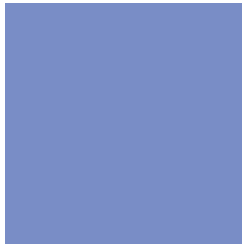
A3002A



240009

Previews

White Background



This preview shows how the Hex color 798DC6 looks on a white background.

Color Contrast Check

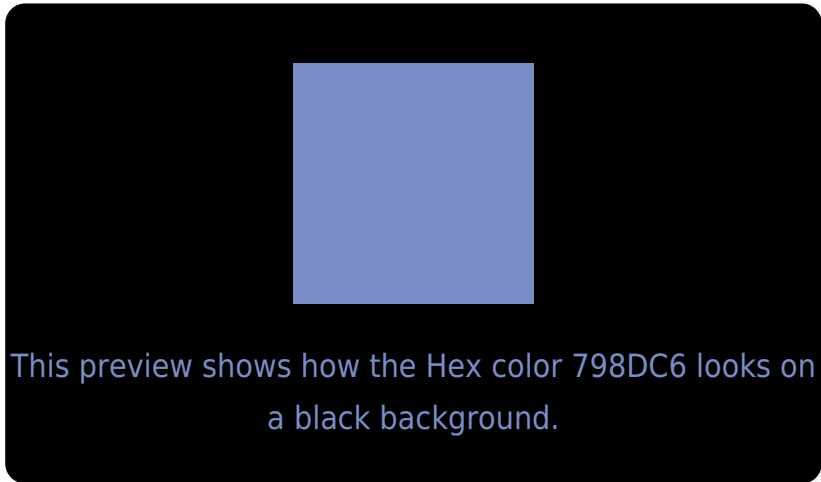
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

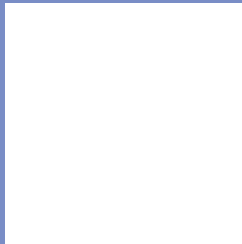
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 798DC6 Background



This preview shows how black text looks on a background with the Hex color 798DC6.



This preview shows how white text looks on a background with the Hex color 798DC6.

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



Original Color
798DC6

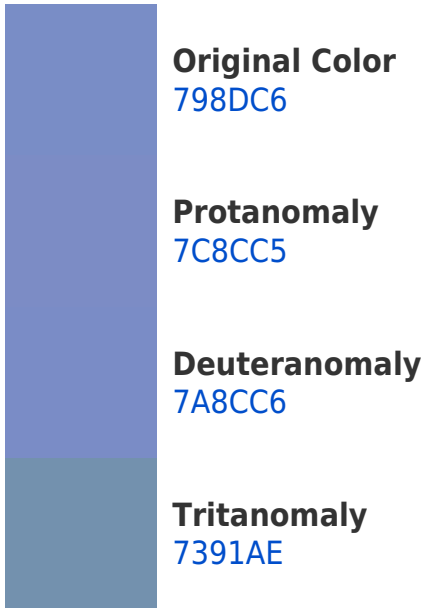
Protanopia
7D8CC5

Deuteranopia
7B8CC6



Tritanopia
7094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 798DC6 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 #798DC6 looks like.

```
.text, #text, p{  
    color:#798DC6  
}
```

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 #798DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798DC6  
}
```

Border

The CSS property to change the border of an element to Hex 798DC6 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  
#798DC6 }
```

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

```
.border{ border-color:#798DC6 }
```

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

Here you see how a box with a 4 pixel #798DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798DC6; -webkit-box-shadow:4px 4px  
4px 4px #798DC6; box-shadow:4px 4px 4px  
4px #798DC6 }
```

Background

The CSS property to change the background color of an element to Hex 798DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798DC6 }
```

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

```
.background{ background-color:#798DC6 }
```

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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