

Converting Colors

Hex(798DD3)

Have a look what the booklet for
Hex(798DD3) contains.

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Color

Hex(798DD3)

Conversions

Conversions Part 1

Format	Color
Hex	798DD3
RGB	121, 141, 211
RGB Percent	47%, 55%, 83%
CMY	0.5255, 0.4471, 0.1725
CMYK	0.43, 0.33, 0.00, 0.17
HSL	227°, 51%, 65%
HSV	227°, 43%, 83%
XYZ	29.1679, 27.8178, 65.4601
YIQ	143.0000, -34.3900, 17.5300

Conversions

Conversions Part 2

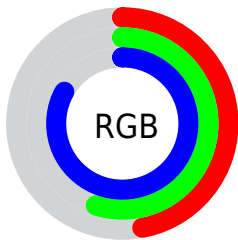
Format	Color
R_{YB}	121, 137, 211
Decimal	7966163
CIE _{Lab}	59.72, 10.86, -38.24
CIE _{LCh}	60, 39.752, 285.854
Yxy	27.8178, 0.2382, 0.2272
Android (android.graphics.Color)	4286156243 (0xFF798DD3)
YUV	143.0000, 33.5240, -19.2940
Hunter-Lab	52.7426, 6.4151, -36.6663

Details

The Hex color **798DD3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D3BF79**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B1C2FF**, and **425B9C** is the 20% darker color. If you saturate the color by 10%, you get **647DD3**, and if you desaturate by 10%, it is **8E9DD3**.

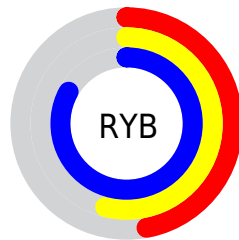
Distribution



Red (47%)

Green (55%)

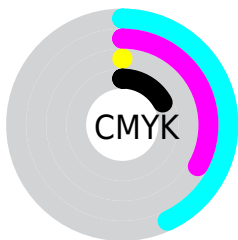
Blue (83%)



Red (47%)

Yellow (54%)

Blue (83%)

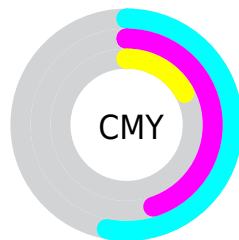


Cyan (43%)

Magenta (33%)

Yellow (0%)

Black (17%)



Cyan (53%)

Magenta (45%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798DD3 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 798DD3 by changing the saturation by 10% instead.

 798DD3

 798DD3

FFFFFF

 5E74B7

 B1C2FF

 425B9C

 CDDEFF

 254482

 EAFBFF

 002E68

 001A50

 000039

 000222

 000008

 000000

■ 798DD3

■ 798DD3

■ 647DD3

■ 8E9DD3

■ 4F6CD3

■ A3AED3

■ 3A5CD3

■ B8BED3

■ 254BD3

■ CDCFD3

■ 0F3BD3

■ E3DFD3

■ 002FD3

■ F8EFD3

■ FFFFD3

Harmonies

Analogous

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



2D98D3



798DD3



AB80C1

Triad

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



798DD3



CB7C5F



39A17E

Complementary

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



798DD3



D3BF79

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.



6C9C5E



798DD3



B4884C

Square

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



798DD3



D3747F



93944B



00A2A2

Rectangle

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



798DD3



C178AD



93944B



4CA072

Sweetspot

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



798DD3



DEE5FF



79D3BE



6B7080



000000



808080

Same Dimension

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



798DD3



7D9AFF



9179D3



5E6069



0025A8



000929

Inverse Universe

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



D3798D



FF7D9A



BBD379



695E60



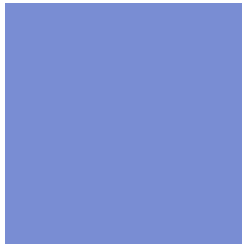
A80025



290009

Previews

White Background



This preview shows how the Hex color 798DD3 looks on a white background.

Color Contrast Check

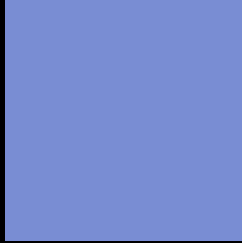
Large Text (above 18pt) WCAG AA ✓ Pass

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 798DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

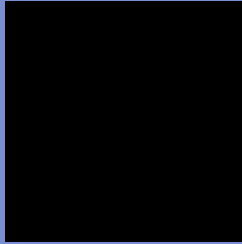
Any Text WCAG AA ✓ Pass

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 798DD3 Background



This preview shows how black text looks on a background with the Hex color 798DD3.



This preview shows how white text looks on a background with the Hex color 798DD3.

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
798DD3

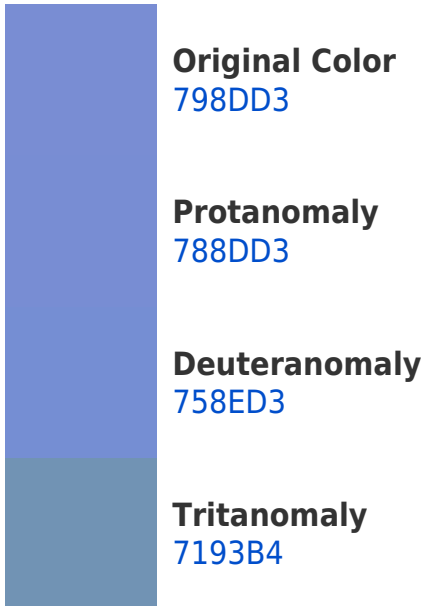
Protanopia
788DD3

Deuteranopia
738FD3

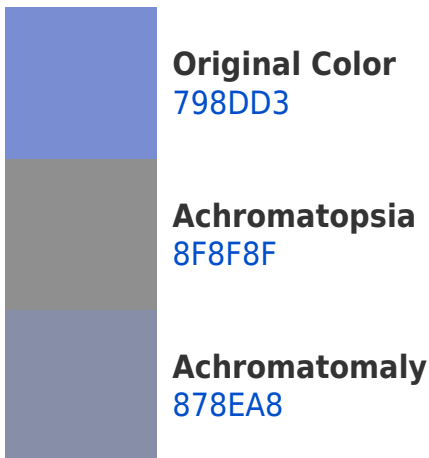


Tritanopia
6C97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 798DD3 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 #798DD3 looks like.

```
.text, #text, p{  
    color:#798DD3  
}
```

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 #798DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798DD3  
}
```

Border

The CSS property to change the border of an element to Hex 798DD3 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  
#798DD3 }
```

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

```
.border{ border-color:#798DD3 }
```

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

Here you see how a box with a 4 pixel #798DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798DD3; -webkit-box-shadow:4px 4px  
4px 4px #798DD3; box-shadow:4px 4px 4px  
4px #798DD3 }
```

Background

The CSS property to change the background color of an element to Hex 798DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798DD3 }
```

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

```
.background{ background-color:#798DD3 }
```

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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