

Converting Colors

Hex(797BD1)

Have a look what the booklet for
Hex(797BD1) contains.

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Color

Hex(797BD1)

Conversions

Conversions Part 1

Format	Color
Hex	797BD1
RGB	121, 123, 209
RGB Percent	47%, 48%, 82%
CMY	0.5255, 0.5176, 0.1804
CMYK	0.42, 0.41, 0.00, 0.18
HSL	239°, 49%, 65%
HSV	239°, 42%, 82%
XYZ	26.4767, 22.8343, 63.3336
YIQ	132.2060, -28.7980, 26.3220

Conversions

Conversions Part 2

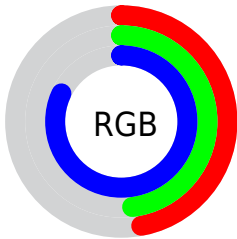
Format	Color
R_{YB}	121, 123, 209
Decimal	7961553
CIE _{Lab}	54.90, 20.94, -44.71
CIE _{LCh}	55, 49.367, 295.095
Yxy	22.8343, 0.2350, 0.2027
Android (android.graphics.Color)	4286151633 (0xFF797BD1)
YUV	132.2060, 37.8594, -9.8277
Hunter-Lab	47.7853, 15.2786, -45.1320

Details

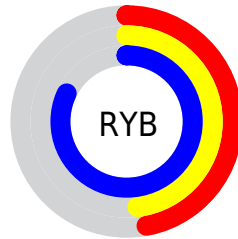
The Hex color **797BD1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D1CF79**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B1AFFF**, and **424A9A** is the 20% darker color. If you saturate the color by 10%, you get **6467D1**, and if you desaturate by 10%, it is **8E8FD1**.

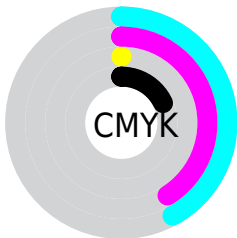
Distribution



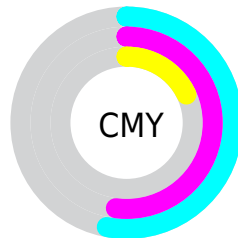
- Red (47%)
- Green (48%)
- Blue (82%)



- Red (47%)
- Yellow (48%)
- Blue (82%)



- Cyan (42%)
- Magenta (41%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (52%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797BD1 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 797BD1 by changing the saturation by 10% instead.

■ 797BD1

■ 797BD1

FFFFFF

■ 5E62B5

■ B1AFFE

■ 424A9A

■ CDCBFF

■ 243480

■ EAE7FF

■ 001F66

■ 000A4E

■ 000536

■ 000220

■ 000003

■ 000000

■ 797BD1

■ 797BD1

■ 6467D1

■ 8E8FD1

■ 4F52D1

■ A3A4D1

■ 3A3ED1

■ B8B8D1

■ 2529D1

■ CDCDD1

■ 1115D1

■ E2E1D1

■ 0005D1

■ F6F6D1

■ FFFFD1

Harmonies

Analogous

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



008AD8



797BD1



B169B5

Triad

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



797BD1



C06E3E



00987B

Complementary

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



797BD1



D1CF79

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.



409450



797BD1



A17F29

Square

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



797BD1



D16062



778C31



0098A6

Rectangle

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



797BD1



C7609B



778C31



00976C

Sweetspot

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



797BD1



DEDEFF



79D1CE



6B6C80



000000



808080

Same Dimension

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



797BD1



7D80FF



A279D1



5E5E69



0004A8



000129

Inverse Universe

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



D1797B



FF7D80



A8D179



695E5E



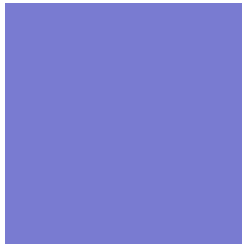
A80004



290001

Previews

White Background



This preview shows how the Hex color 797BD1 looks on a white background.

Color Contrast Check

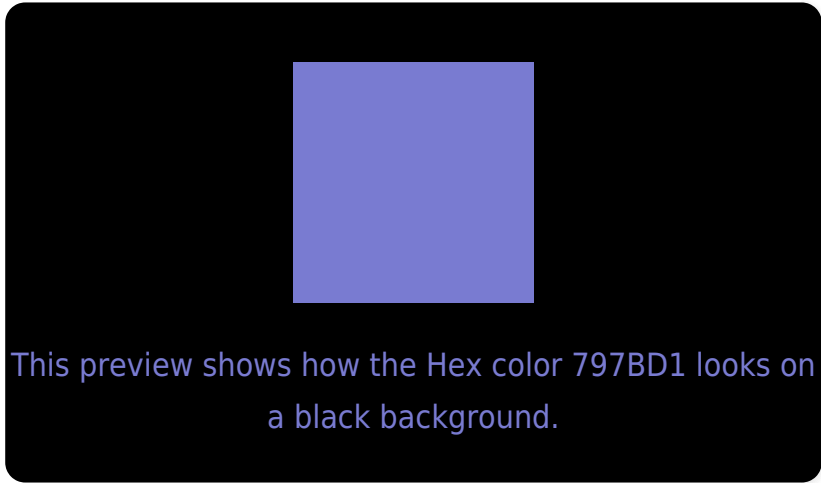
Large Text (above 18pt) WCAG AA ✓ Pass

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 797BD1 Background



This preview shows how black text looks on a background with the Hex color 797BD1.

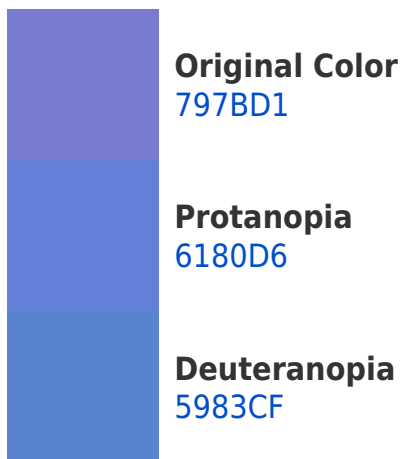


This preview shows how white text looks on a background with the Hex color 797BD1.

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](#).

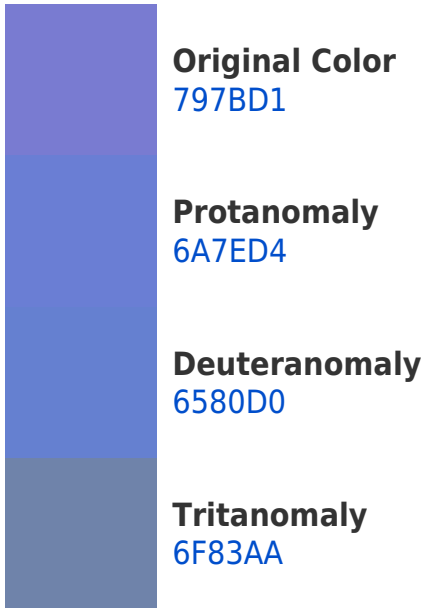
Dichromacy





Tritanopia
698893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 797BD1 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 #797BD1 looks like.

```
.text, #text, p{  
    color:#797BD1  
}
```

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 #797BD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797BD1
}
```

Border

The CSS property to change the border of an element to Hex 797BD1 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
#797BD1 }
```

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

```
.border{ border-color:#797BD1 }
```

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

Here you see how a box with a 4 pixel #797BD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797BD1; -webkit-box-shadow:4px 4px  
4px 4px #797BD1; box-shadow:4px 4px 4px  
4px #797BD1 }
```

Background

The CSS property to change the background color of an element to Hex 797BD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797BD1 }
```

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

```
.background{ background-color:#797BD1 }
```

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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