

Converting Colors

Hex(795CB1)

Have a look what the booklet for
Hex(795CB1) contains.

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Color

Hex(795CB1)

Conversions

Conversions Part 1

Format	Color
Hex	795CB1
RGB	121, 92, 177
RGB Percent	47%, 36%, 69%
CMY	0.5255, 0.6392, 0.3059
CMYK	0.32, 0.48, 0.00, 0.31
HSL	260°, 35%, 53%
HSV	260°, 48%, 69%
XYZ	19.6481, 14.8936, 43.4341
YIQ	110.3610, -10.0010, 32.5830

Conversions

Conversions Part 2

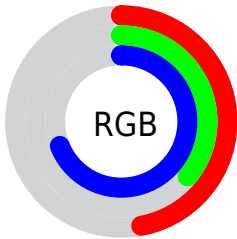
Format	Color
R_{YB}	121, 92, 177
Decimal	7953585
CIE _{Lab}	45.49, 30.61, -41.21
CIE _{LCh}	45, 51.334, 306.599
Yxy	14.8936, 0.2520, 0.1910
Android (android.graphics.Color)	4286143665 (0xFF795CB1)
YUV	110.3610, 32.8530, 9.3304
Hunter-Lab	38.5922, 23.3419, -39.7143

Details

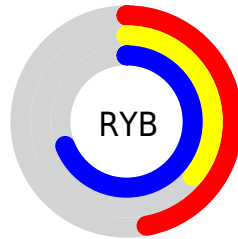
The Hex color **795CB1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **94B15C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B08FE9**, and **452D7C** is the 20% darker color. If you saturate the color by 10%, you get **6D4AB1**, and if you desaturate by 10%, it is **856EB1**.

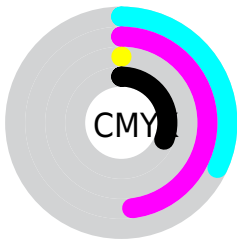
Distribution



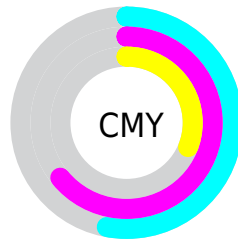
- Red (47%)
- Green (36%)
- Blue (69%)



- Red (47%)
- Yellow (36%)
- Blue (69%)



- Cyan (32%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 795CB1 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 795CB1 by changing the saturation by 10% instead.

■ 795CB1

■ 795CB1

FFFFFF

■ 5F4496

■ B08FE9

■ 452D7C

■ CCAAFF

■ 2A1762

■ E9C5FF

■ 0E014A

■ FFE1FF

■ 000033

FFFEFF

■ 00021D

■ 000000

■ 795CB1

■ 795CB1

■ 6D4AB1

■ 856EB1

6239B1

907FB1

5627B1

9C91B1

4A15B1

A8A3B1

3F03B1

B3B5B1

3C00B1

BFC6B1

CBD8B1

D6EAB1

E2FBB1

Harmonies

Analogous

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



006EC1



795CB1



A6498F

Triad

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



795CB1



9C5D18



008074

Complementary

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



795CB1



94B15C

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.



007D48



795CB1



786D03

Square

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



795CB1



B34B3B



4B7720



007F9E

Rectangle

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



795CB1



B54172



4B7720



007F65

Sweetspot

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



795CB1



D0C5E6



5C95B1



665F73



F2F2F2



737373

Same Dimension

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



795CB1



8E60E6



A35CB1



535059



340099



09001A

Inverse Universe

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



B15C94



E660B8



6AB15C



595056



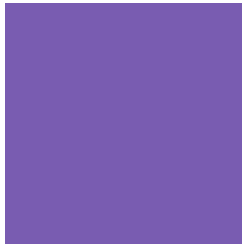
990065



1A0011

Previews

White Background



This preview shows how the Hex color 795CB1 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

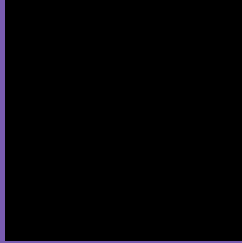
Any Text WCAG AA × Fail

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 795CB1 Background



This preview shows how black text looks on a background with the Hex color 795CB1.

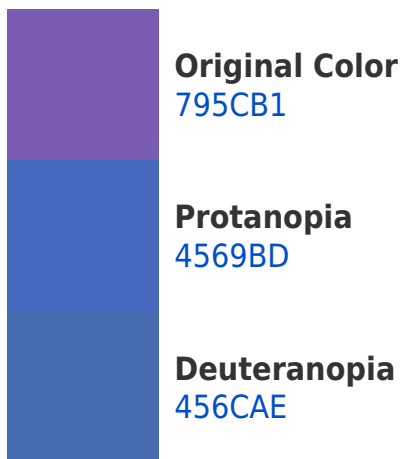


This preview shows how white text looks on a background with the Hex color 795CB1.

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](#).

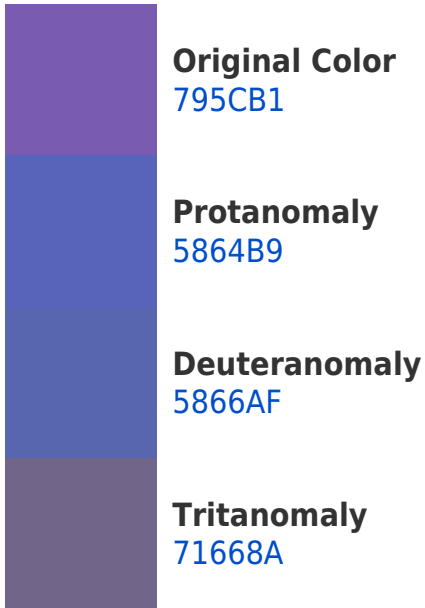
Dichromacy



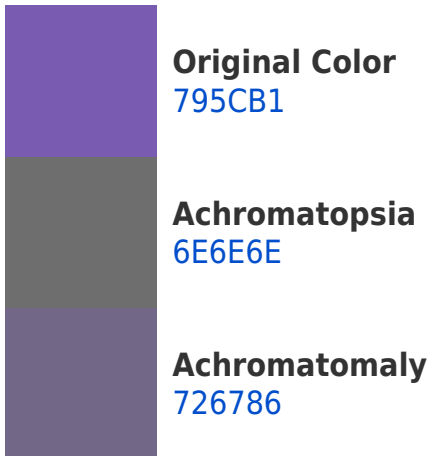


Tritanopia
6D6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 795CB1 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 #795CB1 looks like.

```
.text, #text, p{  
    color:#795CB1  
}
```

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 #795CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795CB1
}
```

Border

The CSS property to change the border of an element to Hex 795CB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

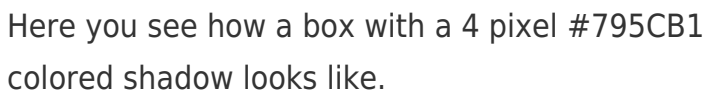
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795CB1 }
```

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

```
.border{ border-color:#795CB1 }
```

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



Here you see how a box with a 4 pixel `#795CB1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795CB1; -webkit-box-shadow:4px 4px  
4px 4px #795CB1; box-shadow:4px 4px 4px  
4px #795CB1 }
```

Background

The CSS property to change the background color of an element to Hex 795CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795CB1 }
```

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

```
.background{ background-color:#795CB1 }
```

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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