

Converting Colors

Hex(795CB0)

Have a look what the booklet for
Hex(795CB0) contains.

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Color

Hex(795CB0)

Conversions

Conversions Part 1

Format	Color
Hex	795CB0
RGB	121, 92, 176
RGB Percent	47%, 36%, 69%
CMY	0.5255, 0.6392, 0.3098
CMYK	0.31, 0.48, 0.00, 0.31
HSL	261°, 35%, 53%
HSV	261°, 48%, 69%
XYZ	19.5488, 14.8538, 42.9110
YIQ	110.2470, -9.6800, 32.2720

Conversions

Conversions Part 2

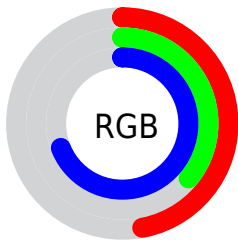
Format	Color
R_{YB}	121, 92, 176
Decimal	7953584
CIE _{Lab}	45.43, 30.34, -40.71
CIE _{LCh}	45, 50.777, 306.696
Yxy	14.8538, 0.2529, 0.1921
Android (android.graphics.Color)	4286143664 (0xFF795CB0)
YUV	110.2470, 32.4162, 9.4304
Hunter-Lab	38.5407, 23.0934, -39.0348

Details

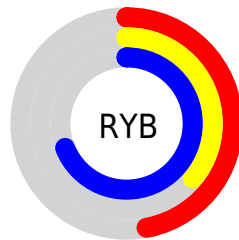
The Hex color **795CB0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **93B05C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B08FE8**, and **452D7B** is the 20% darker color. If you saturate the color by 10%, you get **6D4AB0**, and if you desaturate by 10%, it is **856EB0**.

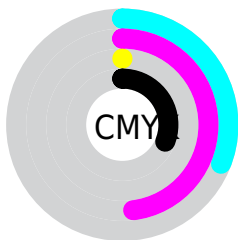
Distribution



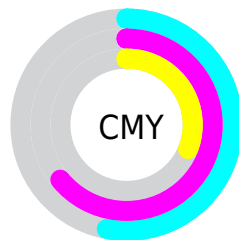
- Red (47%)
- Green (36%)
- Blue (69%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 795CB0 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 795CB0 by changing the saturation by 10% instead.

795CB0

795CB0

FFFFFF

5F4495

B08FE8

452D7B

CCA9FF

2B1762

E8C5FF

0E0149

FFE1FF

000032

FFFEFF

00011C

000000

795CB0

795CB0

6D4AB0

856EB0

6239B0

907FB0

5627B0

9C91B0

4B16B0

A7A2B0

3F04B0

B3B4B0

3D00B0

BEC6B0

CAD7B0

D5E9B0

E1FAB0

Harmonies

Analogous

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



046DC0



795CB0



A6498E

Triad

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



795CB0



9B5D19



007F74

Complementary

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



795CB0



93B05C

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



795CB0



786D05

Square

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



795CB0



B24B3B



4B7721



007E9D

Rectangle

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



795CB0



B44272



4B7721



007F65

Sweetspot

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



795CB0



D0C5E6



5C94B0



665F73



F2F2F2



737373

Same Dimension

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



795CB0



9063E6



A25CB0



535059



350099



09001A

Inverse Universe

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



B05C93



E663B8



6AB05C



595056



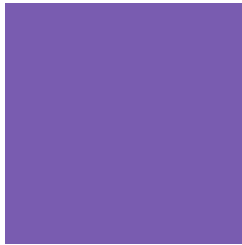
990064



1A0011

Previews

White Background



This preview shows how the Hex color 795CB0 looks on a white background.

Color Contrast Check

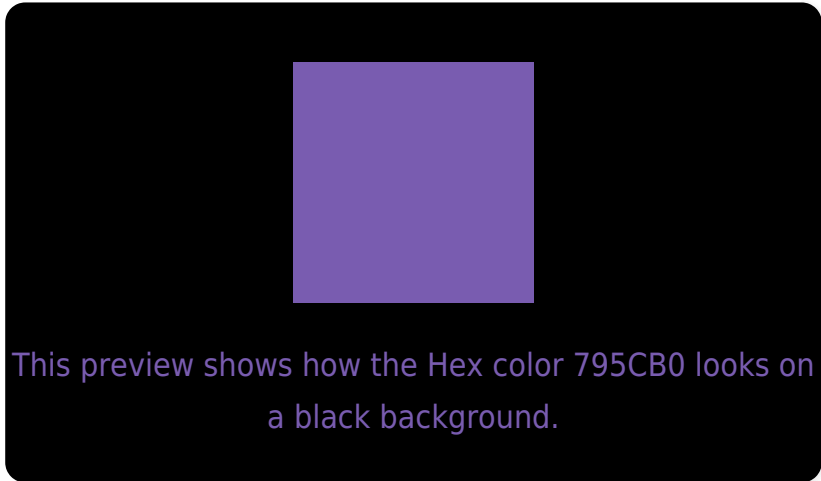
Large Text (above 18pt) WCAG AA ✓ Pass

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

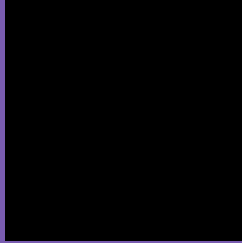
Any Text WCAG AA × Fail

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 795CB0 Background



This preview shows how black text looks on a background with the Hex color 795CB0.

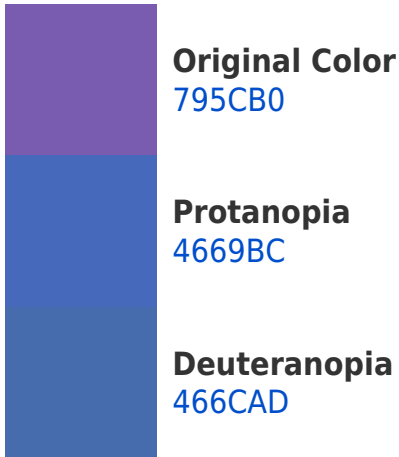



This preview shows how white text looks on a background with the Hex color 795CB0.

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
6D6A73

Trichromacy



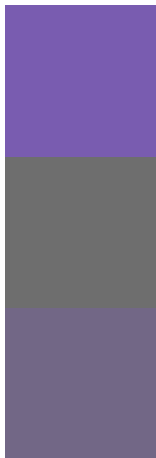
Original Color
795CB0

Protanomaly
5964B8

Deuteranomaly
5966AE

Tritanomaly
716589

Monochromacy



Original Color
795CB0

Achromatopsia
6E6E6E

Achromatomaly
726786

CSS Examples

Text

The CSS property to change the color of the text to Hex 795CB0 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 #795CB0 looks like.

```
.text, #text, p{  
    color:#795CB0  
}
```

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 #795CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795CB0
}
```

Border

The CSS property to change the border of an element to Hex 795CB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

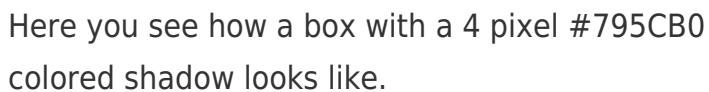
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795CB0 }
```

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

```
.border{ border-color:#795CB0 }
```

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



Here you see how a box with a 4 pixel #795CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795CB0; -webkit-box-shadow:4px 4px  
4px 4px #795CB0; box-shadow:4px 4px 4px  
4px #795CB0 }
```

Background

The CSS property to change the background color of an element to Hex 795CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795CB0 }
```

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

```
.background{ background-color:#795CB0 }
```

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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