

Converting Colors

Hex(C495D8)

Have a look what the booklet for
Hex(C495D8) contains.

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Color

Hex(C495D8)

Conversions

Conversions Part 1

Format	Color
Hex	C495D8
RGB	196, 149, 216
RGB Percent	77%, 58%, 85%
CMY	0.2314, 0.4157, 0.1529
CMYK	0.09, 0.31, 0.00, 0.15
HSL	282°, 46%, 72%
HSV	282°, 31%, 85%
XYZ	45.9071, 38.1885, 69.9173
YIQ	170.6910, 6.5050, 30.8010

Conversions

Conversions Part 2

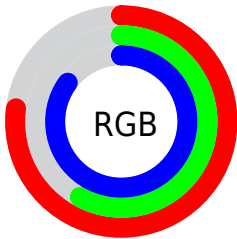
Format	Color
R_{YB}	196, 149, 216
Decimal	12883416
CIE _{Lab}	68.16, 29.54, -27.44
CIE _{LCh}	68, 40.323, 317.110
Yxy	38.1885, 0.2981, 0.2480
Android (android.graphics.Color)	4291073496 (0xFFC495D8)
YUV	170.6910, 22.3373, 22.1960
Hunter-Lab	61.7969, 24.4579, -23.8232

Details

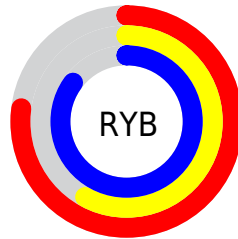
The Hex color **C495D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9D895**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FDCCFF**, and **8D62A1** is the 20% darker color. If you saturate the color by 10%, you get **BE7FD8**, and if you desaturate by 10%, it is **CAABD8**.

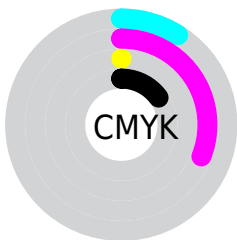
Distribution



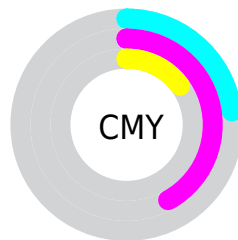
- Red (77%)
- Green (58%)
- Blue (85%)



- Red (77%)
- Yellow (58%)
- Blue (85%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C495D8 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 C495D8 by changing the saturation by 10% instead.

 C495D8

 C495D8

FFFFFF

 A87BBC

 FDCCFF

 8D62A1

 FFE8FF

 734987

 5A326D

 411B54

 29043D

 150027

 000110

 000000

 C495D8

 C495D8

 BE7FD8

 CAABD8

 B76AD8

 D1C0D8

 B154D8

 D7D6D8

 AA3FD8

 DEEBD8

 A429D8

 E4FFD8

 9D13D8

 EBFFD8

 9800D8

 F1FFD8

 F8FFD8

 FEFFD8

Harmonies

Analogous

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



92A3EC



C495D8



E38BB7

Triad

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



C495D8



CB9F5F



00B9BA

Complementary

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



C495D8



A9D895

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.



4EB895



C495D8



A9AB5F

Square

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



C495D8



E49272



80B373



00B6DA

Rectangle

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



C495D8



EC899F



80B373



1CB9AE

Sweetspot

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



C495D8



F8E8FF



95A9D8



7B7180



000000



808080

Same Dimension

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



C495D8



E3A1FF



D895CB



68606B



7800AB



1E002B

Inverse Universe

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



D895A9



FFA1BD



95D8A2



6B6064



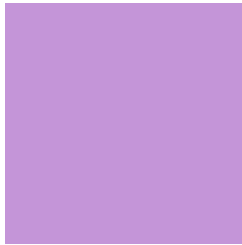
AB0033



2B000D

Previews

White Background



This preview shows how the Hex color C495D8 looks on a white background.

Color Contrast Check

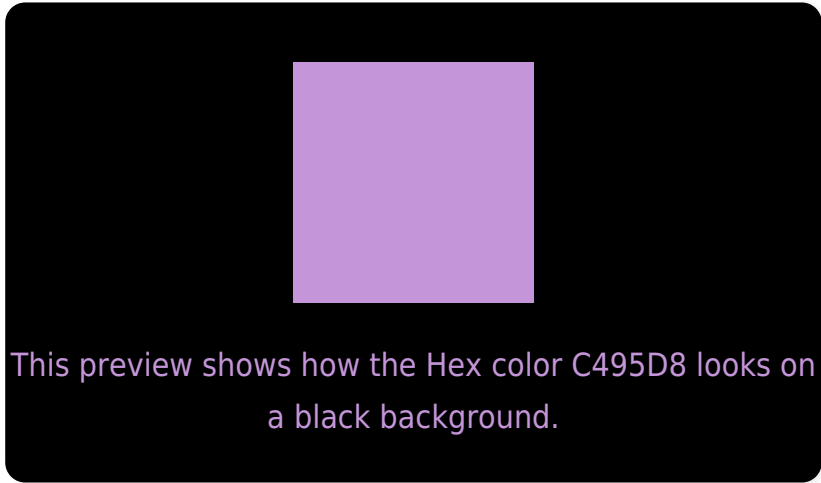
Large Text (above 18pt) WCAG AA × Fail

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

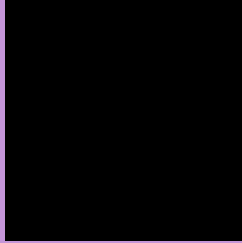
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C495D8 Background



This preview shows how black text looks on a background with the Hex color C495D8.

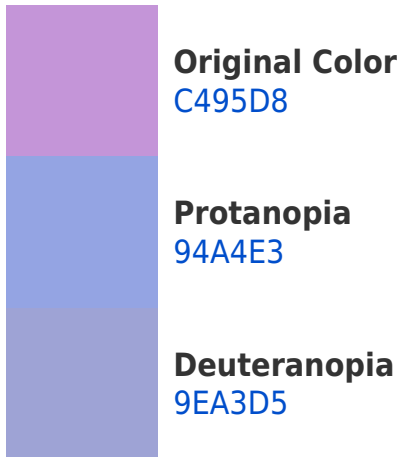


This preview shows how white text looks on a background with the Hex color C495D8.

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
BD9EAA

Trichromacy



Original Color
C495D8



Protanomaly
A59FDF



Deuteranomaly
AC9ED6



Tritanomaly
C09BBB

Monochromacy



Original Color
C495D8



Achromatopsia
ABABAB



Achromatomaly
B4A3BB

CSS Examples

Text

The CSS property to change the color of the text to Hex C495D8 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 #C495D8 looks like.

```
.text, #text, p{  
    color:#C495D8  
}
```

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 #C495D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C495D8
}
```

Border

The CSS property to change the border of an element to Hex C495D8 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
#C495D8 }
```

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

```
.border{ border-color:#C495D8 }
```

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

Here you see how a box with a 4 pixel #C495D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C495D8; -webkit-box-shadow:4px 4px  
4px 4px #C495D8; box-shadow:4px 4px 4px  
4px #C495D8 }
```

Background

The CSS property to change the background color of an element to Hex C495D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C495D8 }
```

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

```
.background{ background-color:#C495D8 }
```

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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