

Converting Colors

Hex(C495E0)

Have a look what the booklet for
Hex(C495E0) contains.

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Color

Hex(C495E0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C495E0 |
| RGB | 196, 149, 224 |
| RGB Percent | 77%, 58%, 88% |
| CMY | 0.2314, 0.4157, 0.1216 |
| CMYK | 0.12, 0.33, 0.00, 0.12 |
| HSL | 278°, 55%, 73% |
| HSV | 278°, 33%, 88% |
| XYZ | 46.9669, 38.6125, 75.4985 |
| YIQ | 171.6030, 3.9370, 33.2890 |

Conversions

Conversions Part 2

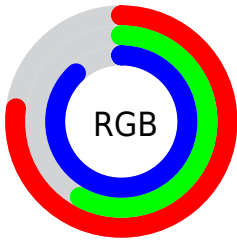
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 196, 149, 224 |
| Decimal | 12883424 |
| CIE Lab | 68.47, 31.20, -31.38 |
| CIE LCh | 68, 44.254, 314.834 |
| Yxy | 38.6125, 0.2916, 0.2397 |
| Android (android.graphics.Color) | 4291073504 (0xFFC495E0) |
| YUV | 171.6030, 25.8317, 21.3962 |
| Hunter-Lab | 62.1389, 26.1739, -28.5398 |

Details

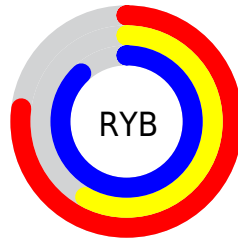
The Hex color **C495E0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1E095**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FDCCFF**, and **8D61A8** is the 20% darker color. If you saturate the color by 10%, you get **BC7FE0**, and if you desaturate by 10%, it is **CCABE0**.

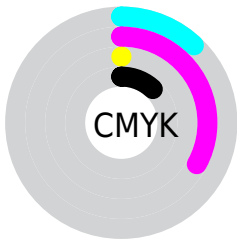
Distribution



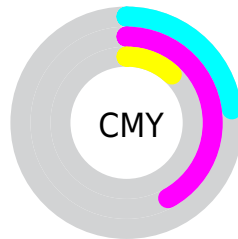
- Red (77%)
- Green (58%)
- Blue (88%)



- Red (77%)
- Yellow (58%)
- Blue (88%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color C495E0 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 C495E0 by changing the saturation by 10% instead.

 C495E0

 C495E0

FFFFFF

 A87BC4

 FDCCFF

 8D61A8

 FFE8FF

 73498E

 593174

 401A5B

 280343

 15002D

 000117

 000000

 C495E0

 C495E0

 BC7FE0

 CCABE0

 B368E0

 D5C2E0

 AB52E0

 DDD8E0

 A33BE0

 E5EFE0

 9A25E0

 EEFFE0

 920FE0

 F6FFE0

 8C00E0

 FFFFE0

Harmonies

Analogous

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



8BA4F4



C495E0



E789BD

Triad

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



C495E0



D19E59



00BCBA

Complementary

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



C495E0



B1E095

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.



46BA91



C495E0



ACAB57

Square

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



C495E0



EB9070



80B56C



00B9DE

Rectangle

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



C495E0



F286A2



80B56C



00BCAC

Sweetspot

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



C495E0



F5E6FF



95B2E0



7A7080



000000



808080

Same Dimension

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



C495E0



D999FF



E095D7



6C6570



6E00B0



1E0030

Inverse Universe

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



E095B1



FF99BF



95E09E



706569



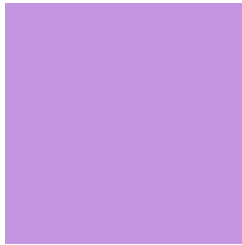
B00042



300012

Previews

White Background



This preview shows how the Hex color C495E0 looks on a white background.

Color Contrast Check

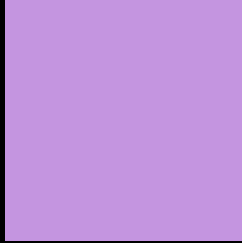
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C495E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

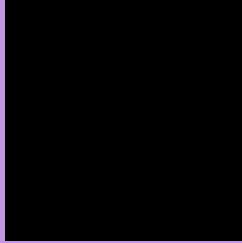
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C495E0 Background



This preview shows how black text looks on a background with the Hex color C495E0.

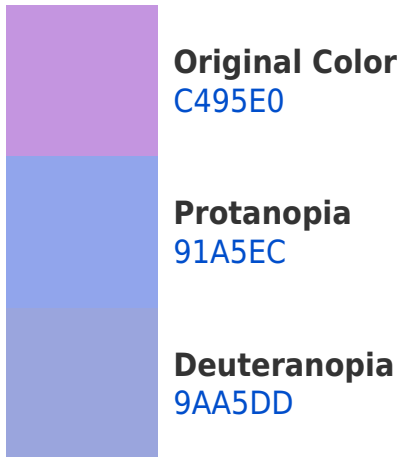


This preview shows how white text looks on a background with the Hex color C495E0.

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
BC9FAC

Trichromacy



Original Color
C495E0



Protanomaly
A49FE8



Deuteranomaly
A99FDE



Tritanomaly
BF9BBF

Monochromacy



Original Color
C495E0



Achromatopsia
ACACAC



Achromatomaly
B5A4BF

CSS Examples

Text

The CSS property to change the color of the text to Hex C495E0 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 #C495E0 looks like.

```
.text, #text, p{  
    color:#C495E0  
}
```

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 #C495E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C495E0
}
```

Border

The CSS property to change the border of an element to Hex C495E0 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
#C495E0 }
```

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

```
.border{ border-color:#C495E0 }
```

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

Here you see how a box with a 4 pixel #C495E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C495E0; -webkit-box-shadow:4px 4px  
4px 4px #C495E0; box-shadow:4px 4px 4px  
4px #C495E0 }
```

Background

The CSS property to change the background color of an element to Hex C495E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C495E0 }
```

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

```
.background{ background-color:#C495E0 }
```

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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