

Converting Colors

Hex(C495E2)

Have a look what the booklet for
Hex(C495E2) contains.

Hex(C495E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C495E2)

Conversions

Conversions Part 1

Format	Color
Hex	C495E2
RGB	196, 149, 226
RGB Percent	77%, 58%, 89%
CMY	0.2314, 0.4157, 0.1137
CMYK	0.13, 0.34, 0.00, 0.11
HSL	277°, 57%, 74%
HSV	277°, 34%, 89%
XYZ	47.2399, 38.7216, 76.9357
YIQ	171.8310, 3.2950, 33.9110

Conversions

Conversions Part 2

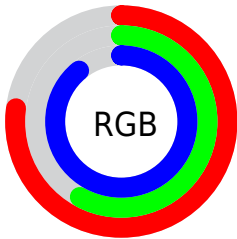
Format	Color
R_{YB}	196, 149, 226
Decimal	12883426
CIE _{Lab}	68.55, 31.62, -32.36
CIE _{LCh}	69, 45.247, 314.338
Yxy	38.7216, 0.2900, 0.2377
Android (android.graphics.Color)	4291073506 (0xFFC495E2)
YUV	171.8310, 26.7053, 21.1962
Hunter-Lab	62.2267, 26.6128, -29.7461

Details

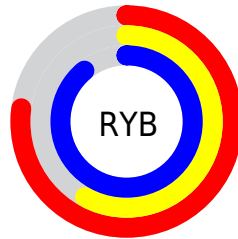
The Hex color **C495E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B3E295**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FDCCFF**, and **8D61AA** is the 20% darker color. If you saturate the color by 10%, you get **BB7EE2**, and if you desaturate by 10%, it is **CDACE2**.

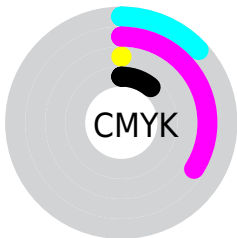
Distribution



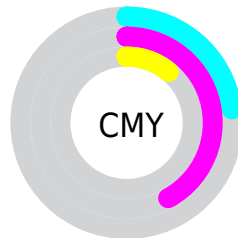
- Red (77%)
- Green (58%)
- Blue (89%)



- Red (77%)
- Yellow (58%)
- Blue (89%)



- Cyan (13%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C495E2 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 C495E2 by changing the saturation by 10% instead.

 C495E2

 C495E2

FFFFFF

 A87BC6

 FDCCFF

 8D61AA

 FFE8FF

 734990

 593176

 401A5D

 280345

 14002E

 000118

 000000

 C495E2

 C495E2

 BB7EE2

 CDACE2

 B268E2

 D6C2E2

 AA51E2

 DED9E2

 A13BE2

 E7EFE2

 9824E2

 F0FFE2

 8F0DE2

 F9FFE2

 8A00E2

 FFFFE2

Harmonies

Analogous

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



89A5F6



C495E2



E889BE

Triad

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



C495E2



D39D58



00BCBA

Complementary

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



C495E2



B3E295

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.



44BB90



C495E2



ADAB56

Square

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



C495E2



ED8F70



80B56B



00BADF

Rectangle

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



C495E2



F486A3



80B56B



00BCAC

Sweetspot

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



C495E2



F5E6FF



95B4E2



7A7080



000000



808080

Same Dimension

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



C495E2



D696FF



E295DA



6C6570



6B00B0



1E0030

Inverse Universe

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



E295B3



FF96BF



95E29D



706569



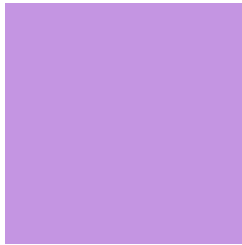
B00045



300013

Previews

White Background



This preview shows how the Hex color C495E2 looks on a white background.

Color Contrast Check

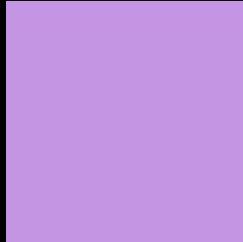
Large Text (above 18pt) WCAG AA × Fail

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 C495E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

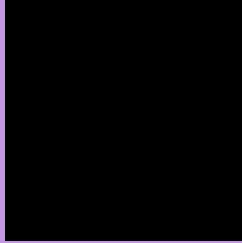
Any Text WCAG AA ✓ Pass

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 C495E2 Background



This preview shows how black text looks on a background with the Hex color C495E2.

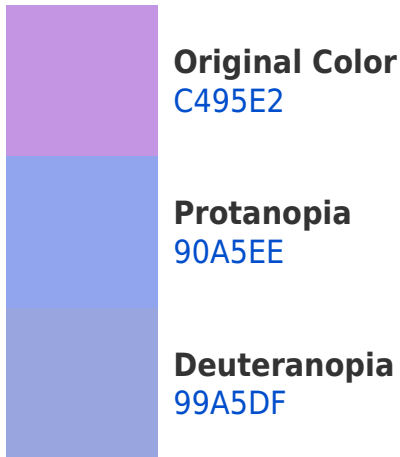


This preview shows how white text looks on a background with the Hex color C495E2.

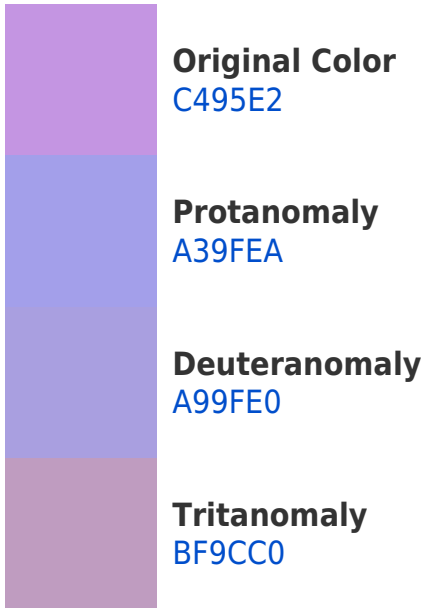
Color Blindness Simulation

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](#).

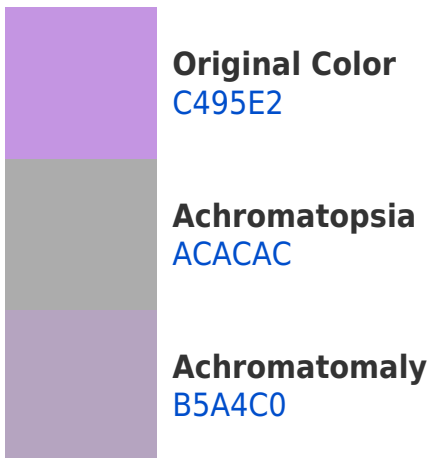
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C495E2 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 #C495E2 looks like.

```
.text, #text, p{  
    color:#C495E2  
}
```

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 #C495E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C495E2
}
```

Border

The CSS property to change the border of an element to Hex C495E2 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
#C495E2 }
```

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

```
.border{ border-color:#C495E2 }
```

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

Here you see how a box with a 4 pixel #C495E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C495E2; -webkit-box-shadow:4px 4px  
4px 4px #C495E2; box-shadow:4px 4px 4px  
4px #C495E2 }
```

Background

The CSS property to change the background color of an element to Hex C495E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C495E2 }
```

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

```
.background{ background-color:#C495E2 }
```

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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