

# Converting Colors

Hex(CB5EED)

Have a look what the booklet for  
Hex(CB5EED) contains.

<b>Hex(CB5EED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CB5EED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5EED
RGB	203, 94, 237
RGB Percent	80%, 37%, 93%
CMY	0.2039, 0.6314, 0.0706
CMYK	0.14, 0.60, 0.00, 0.07
HSL	286°, 80%, 65%
HSV	286°, 60%, 93%
XYZ	43.9174, 26.8163, 82.9821
YIQ	142.8930, 19.0610, 67.5810

# Conversions

## Conversions Part 2

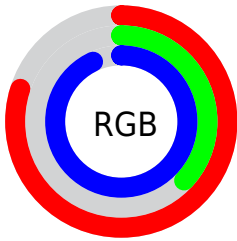
Format	Color
<a href="#">RYB</a>	<a href="#">203, 94, 237</a>
Decimal	<a href="#">13328109</a>
CIELab	<a href="#">58.80, 64.12, -53.71</a>
CIELCh	<a href="#">59, 83.642, 320.045</a>
Yxy	<a href="#">26.8163, 0.2857, 0.1745</a>
Android (android.graphics.Color)	<a href="#">4291518189</a> ( <a href="#">0xFFFCB5EED</a> )
YUV	<a href="#">142.8930, 46.3948, 52.7138</a>
Hunter-Lab	<a href="#">51.7845, 60.7593, -58.7602</a>

# Details

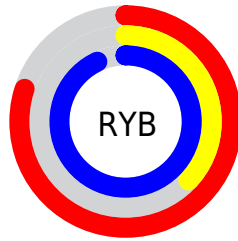
The Hex color **CB5EED** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **80ED5E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF96FF**, and **9123B4** is the 20% darker color. If you saturate the color by 10%, you get **C546ED**, and if you desaturate by 10%, it is **D176ED**.

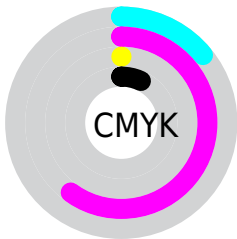
# Distribution



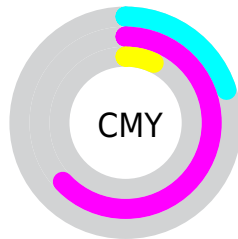
- Red (80%)
- Green (37%)
- Blue (93%)



- Red (80%)
- Yellow (37%)
- Blue (93%)



- Cyan (14%)
- Magenta (60%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (63%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB5EED 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 CB5EED by changing the saturation by 10% instead.



 CB5EED

 CB5EED

FFFFFF

 AE42D0

 FF96FF

 9123B4

 FFB2FF

 750099

 FFCFFF

 59007E

 FFECFF

 3D0065

 24004C

 000034

 00021E

 000000

 CB5EED

 CB5EED

 C546ED

 D176ED

 C02FED

 D68DED

 BA17ED

 DCA5ED

 B500ED

 E2BDED

 E7D4ED

 EDECED

 F2FFED

 F8FFED

 FEFFED

# Harmonies

## Analogous

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



3E85FF



CB5EED



FF31A9

# Triad

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



CB5EED



BF8200



00ADBE

# Complementary

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



CB5EED



80ED5E

# 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.



00AB72



CB5EED



7D9900

# Square

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



CB5EED



F15E14



00A51F



00AAFE

# Rectangle

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



CB5EED



FF2A78



00A51F



00ADA5



# Sweetspot

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



CB5EED



F4D1FF



5E82ED



796380



000000



808080



# Same Dimension

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



CB5EED



D347FF



ED5EC9



736A75



8A00B5



290036



# Inverse Universe

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



ED5E80



FF4773



5EED82



756A6C



B5002B



36000D



# Previews

## White Background



This preview shows how the Hex color CB5EED looks on a white background.

## Color Contrast Check

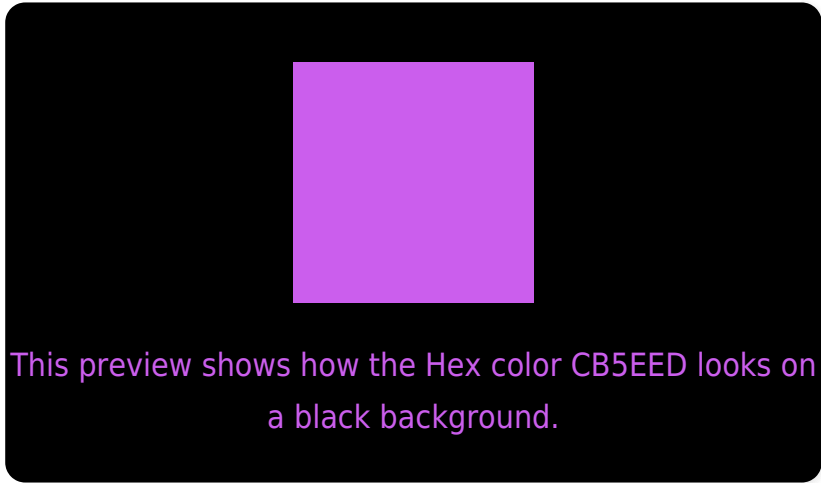
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

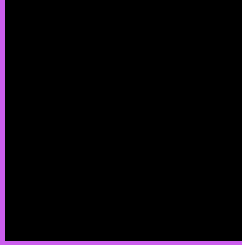
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB5EED Background



This preview shows how black text looks on a background with the Hex color CB5EED.

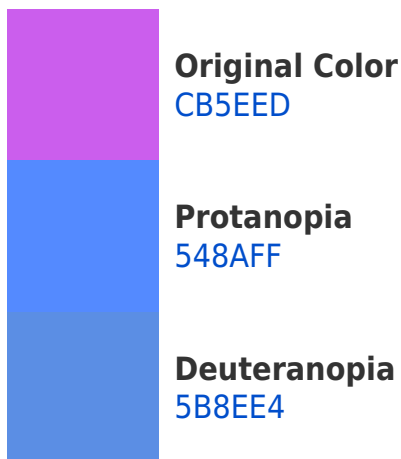


This preview shows how white text looks on a background with the Hex color CB5EED.

# 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](#).

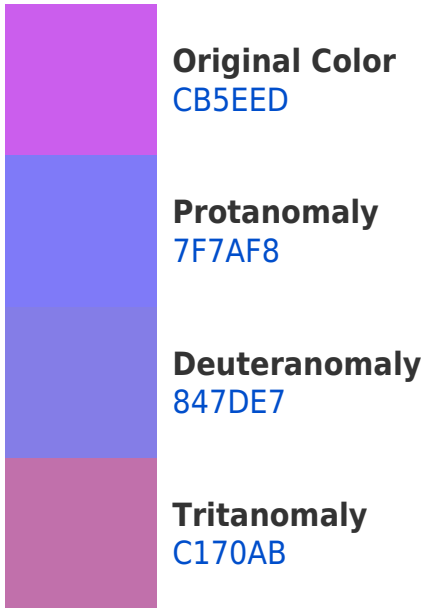
## Dichromacy



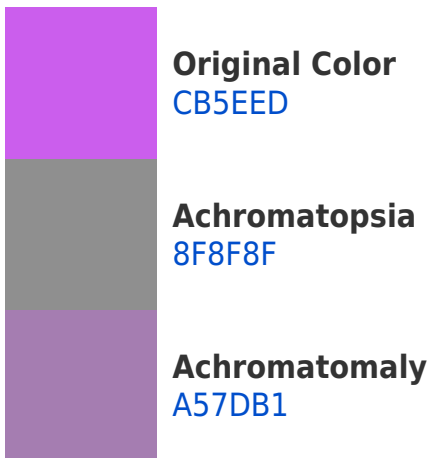


**Tritanopia**  
BC7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB5EED 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 #CB5EED looks like.

```
.text, #text, p{  
    color:#CB5EED  
}
```

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 #CB5EED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5EED
}
```

## Border

The CSS property to change the border of an element to Hex CB5EED is called "border". The border property can be set on classes, ids or directly on the HTML element.

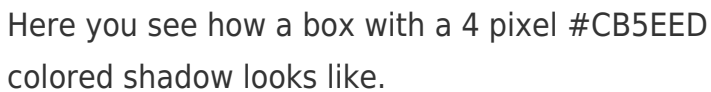
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB5EED }
```

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

```
.border{ border-color:#CB5EED }
```

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



Here you see how a box with a 4 pixel #CB5EED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5EED; -webkit-box-shadow:4px 4px  
4px 4px #CB5EED; box-shadow:4px 4px 4px  
4px #CB5EED }
```

# Background

The CSS property to change the background color of an element to Hex CB5EED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5EED }
```

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

```
.background{ background-color:#CB5EED }
```

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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