

# Converting Colors

Hex(CC93EC)

Have a look what the booklet for  
Hex(CC93EC) contains.

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# Color

Hex(CC93EC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC93EC
RGB	204, 147, 236
RGB Percent	80%, 58%, 93%
CMY	0.2000, 0.4235, 0.0745
CMYK	0.14, 0.38, 0.00, 0.07
HSL	278°, 70%, 75%
HSV	278°, 38%, 93%
XYZ	50.4759, 39.7609, 84.3711
YIQ	174.1890, 5.4030, 39.7630

# Conversions

## Conversions Part 2

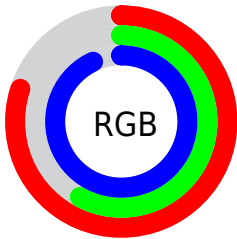
Format	Color
<a href="#">RYB</a>	<a href="#">204, 147, 236</a>
Decimal	<a href="#">13407212</a>
CIELab	<a href="#">69.30, 37.24, -36.63</a>
CIElCh	<a href="#">69, 52.235, 315.468</a>
Yxy	<a href="#">39.7609, 0.2891, 0.2277</a>
Android (android.graphics.Color)	<a href="#">4291597292 (0xFFCC93EC)</a>
YUV	<a href="#">174.1890, 30.4728, 26.1442</a>
Hunter-Lab	<a href="#">63.0563, 32.5389, -35.1924</a>

# Details

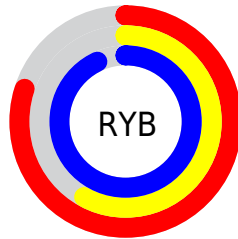
The Hex color **CC93EC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B3EC93**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCAFF**, and **945FB4** is the 20% darker color. If you saturate the color by 10%, you get **C47BEC**, and if you desaturate by 10%, it is **D4ABEC**.

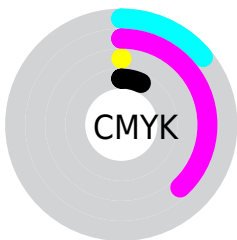
# Distribution



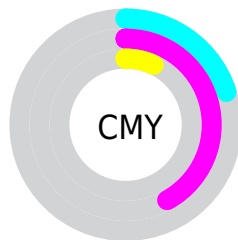
- Red (80%)
- Green (58%)
- Blue (93%)



- Red (80%)
- Yellow (58%)
- Blue (93%)



- Cyan (14%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (42%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC93EC 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 CC93EC by changing the saturation by 10% instead.



 CC93EC

 CC93EC

FFFFFF

 B079D0

 FFCAFF

 945FB4

 FFE6FF

 7A4699

 5F2E7F

 461665

 2D004D

 1A0036

 00021F

 000002

 CC93EC

 CC93EC

 C47BEC

 D4ABEC

 BB64EC

 DDC2EC

 B34CEC

 E5DAEC

 AA35EC

 EEF1EC

 A21DEC

 F6FFEC

 9905EC

 FFFFEC

 9700EC

# Harmonies

## Analogous

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



85A6FF



CC93EC



F584C2

# Triad

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



CC93EC



D89E4C



00C1C1

# Complementary

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



CC93EC



B3EC93

# 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.



1CC090



CC93EC



ADAE4A

# Square

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



CC93EC



F78D68



78B964



00BEEC

# Rectangle

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



CC93EC



FF80A2



78B964



00C1B1



# Sweetspot

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



CC93EC



F5E3FF



93B4EC



7A6F80



000000



808080



# Same Dimension

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



CC93EC



D68CFF



EC93E0



716A75



7400B5



220036



# Inverse Universe

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



EC93B3



FF8CB6



93EC9F



756A6E



B50041

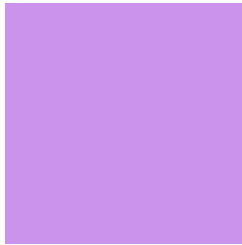


360013



# Previews

## White Background



This preview shows how the Hex color CC93EC looks on a white background.

## Color Contrast Check

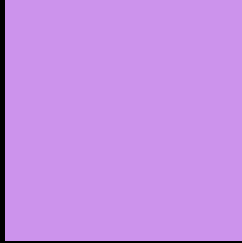
Large Text (above 18pt) WCAG AA × Fail

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 CC93EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

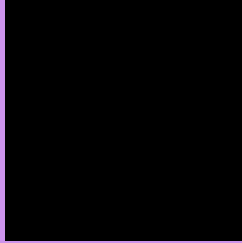
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC93EC Background



This preview shows how black text looks on a background with the Hex color CC93EC.

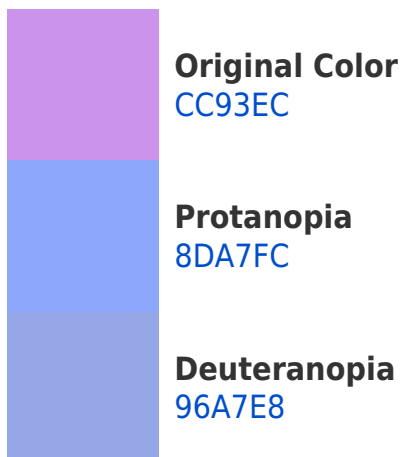


This preview shows how white text looks on a background with the Hex color CC93EC.

# Color Blindness Simulation

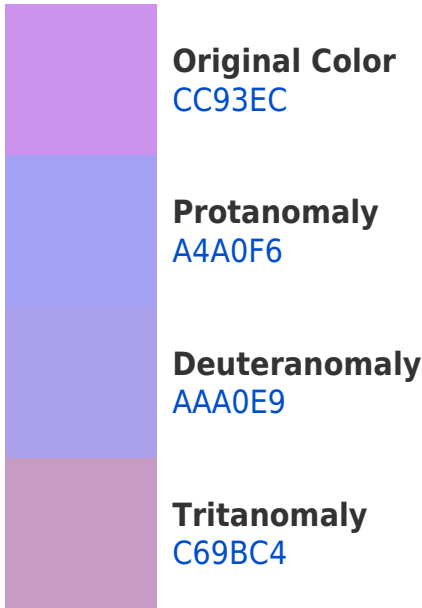
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

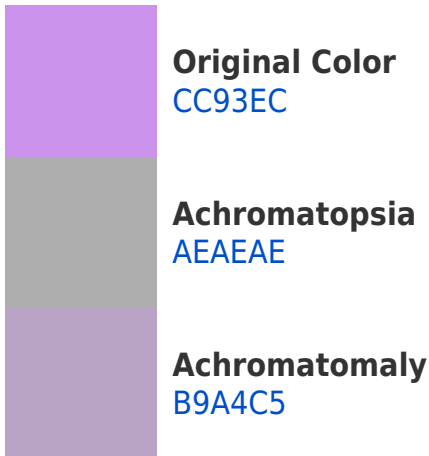




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC93EC 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 #CC93EC looks like.

```
.text, #text, p{  
    color:#CC93EC  
}
```

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 #CC93EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC93EC  
}
```

## Border

The CSS property to change the border of an element to Hex CC93EC 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  
#CC93EC }
```

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

```
.border{ border-color:#CC93EC }
```

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

Here you see how a box with a 4 pixel #CC93EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC93EC; -webkit-box-shadow:4px 4px  
4px 4px #CC93EC; box-shadow:4px 4px 4px  
4px #CC93EC }
```

# Background

The CSS property to change the background color of an element to Hex CC93EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC93EC }
```

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

```
.background{ background-color:#CC93EC }
```

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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