

# Converting Colors

Hex(C5EC93)

Have a look what the booklet for  
Hex(C5EC93) contains.

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# **Color**

**Hex(C5EC93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5EC93
RGB	197, 236, 147
RGB Percent	77%, 93%, 58%
CMY	0.2275, 0.0745, 0.4235
CMYK	0.17, 0.00, 0.38, 0.07
HSL	86°, 70%, 75%
HSV	86°, 38%, 93%
XYZ	58.2879, 73.9678, 38.8089
YIQ	214.1930, 5.3250, -35.9470

# Conversions

## Conversions Part 2

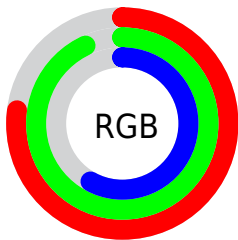
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 236, 186
Decimal	12971155
CIELab	88.91, -27.39, 39.07
CIELCh	89, 47.714, 125.029
Yxy	73.9678, 0.3407, 0.4324
Android (android.graphics.Color)	4291161235 (0xFFC5EC93)
YUV	214.1930, -33.1261, -15.0783
Hunter-Lab	86.0045, -29.5331, 33.4490

# Details

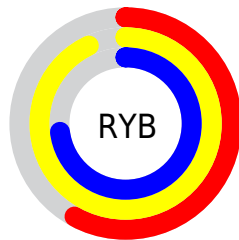
The Hex color **C5EC93** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BA93EC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFCA**, and **8EB45F** is the 20% darker color. If you saturate the color by 10%, you get **BBEC7B**, and if you desaturate by 10%, it is **CFECAB**.

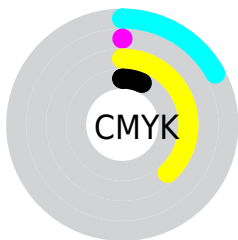
# Distribution



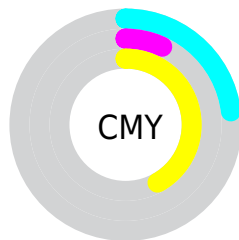
- Red (77%)
- Green (93%)
- Blue (58%)



- Red (58%)
- Yellow (93%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5EC93 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 C5EC93 by changing the saturation by 10% instead.



 C5EC93

 C5EC93

FFFFFF

 A9D079

 FFFFC4

 8EB45F

 FFFF66

 739946

 597F2D

 406614

 274E00

 0D3600

 002200

 000000

 C5EC93

 C5EC93

 BBEC7B

 CFECAB

 B0EC64

 DAEC2

 A6EC4C

 E4ECDA

 9CEC35

 EEECF1

 91EC1D

 F9ECFF

 87EC05

 FFECFF

 85EC00

# Harmonies

## Analogous

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



F6DF83



C5EC93



8DF4B7

# Triad

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



C5EC93



53EEFF



FFBBD9

# Complementary

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



C5EC93



BA93EC

# Split Complementary

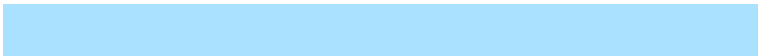
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



C5EC93



A9E1FF

# Square

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



C5EC93



00F6FF



EED1FF



FFC1AD

# Rectangle

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



C5EC93



62F7D6



EED1FF



FFBCE9

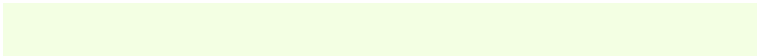


# Sweetspot

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



C5EC93



F3FFE3



ECBA93



78806F



000000



808080

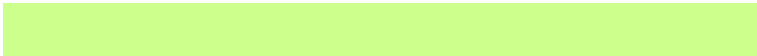


# Same Dimension

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



C5EC93



CDFF8C



99EC93



70756A



66B500



1E3600



# Inverse Universe

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



BA93EC



BF8CFF



E693EC



6F6A75



4F00B5

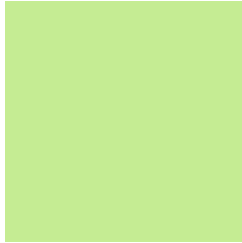


170036



# Previews

## White Background



This preview shows how the Hex color C5EC93 looks on a white background.

## Color Contrast Check

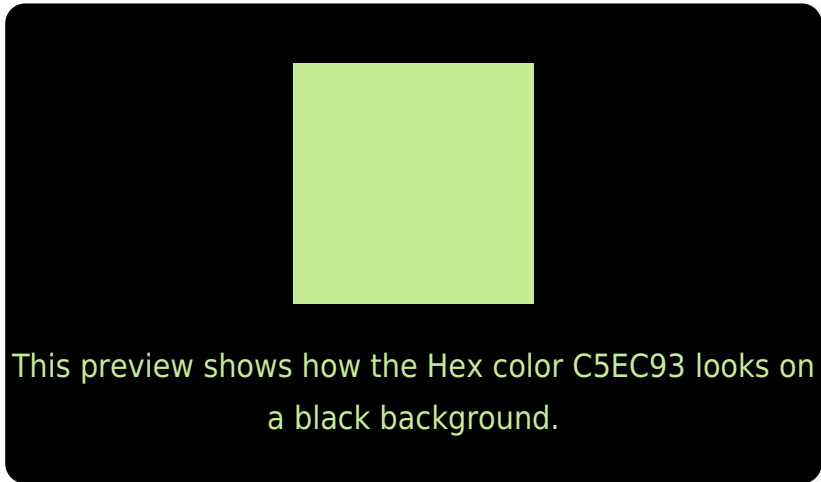
Large Text (above 18pt) WCAG AA × Fail

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

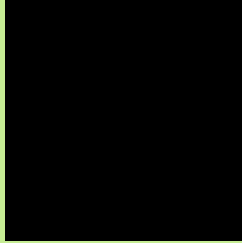
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5EC93 Background



This preview shows how black text looks on a background with the Hex color C5EC93.

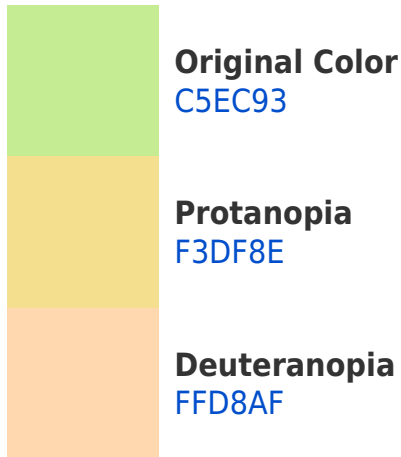


This preview shows how white text looks on a background with the Hex color C5EC93.

# Color Blindness Simulation

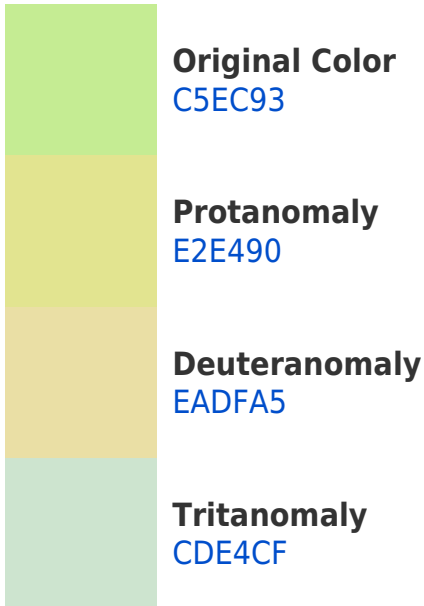
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

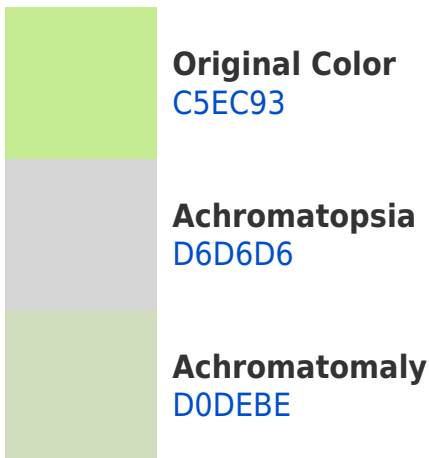




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5EC93 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 #C5EC93 looks like.

```
.text, #text, p{  
    color:#C5EC93  
}
```

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 #C5EC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5EC93
}
```

## Border

The CSS property to change the border of an element to Hex C5EC93 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
#C5EC93 }
```

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

```
.border{ border-color:#C5EC93 }
```

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

Here you see how a box with a 4 pixel `#C5EC93` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5EC93; -webkit-box-shadow:4px 4px  
4px 4px #C5EC93; box-shadow:4px 4px 4px  
4px #C5EC93 }
```

# Background

The CSS property to change the background color of an element to Hex C5EC93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5EC93 }
```

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

```
.background{ background-color:#C5EC93 }
```

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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