

# Converting Colors

Hex(E5EC93)

Have a look what the booklet for  
Hex(E5EC93) contains.

<b>Hex(E5EC93)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E5EC93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5EC93
RGB	229, 236, 147
RGB Percent	90%, 93%, 58%
CMY	0.1020, 0.0745, 0.4235
CMYK	0.03, 0.00, 0.38, 0.07
HSL	65°, 70%, 75%
HSV	65°, 38%, 93%
XYZ	67.5750, 78.7555, 39.2435
YIQ	223.7610, 24.3970, -29.1630

# Conversions

## Conversions Part 2

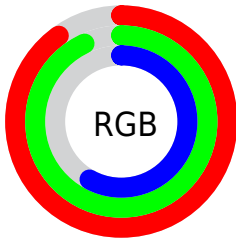
Format	Color
<b>RYB</b>	147, 236, 154
Decimal	15068307
CIELab	91.12, -15.48, 42.36
CIELCh	91, 45.105, 110.074
Yxy	78.7555, 0.3641, 0.4244
Android (android.graphics.Color)	4293258387 (0xFFE5EC93)
YUV	223.7610, -37.8432, 4.5946
Hunter-Lab	88.7443, -19.3824, 35.9024

# Details

The Hex color **E5EC93** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9A93EC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFCA**, and **ACB45F** is the 20% darker color. If you saturate the color by 10%, you get **E3EC7B**, and if you desaturate by 10%, it is **E7ECAB**.

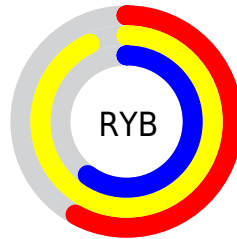
# Distribution



Red (90%)

Green (93%)

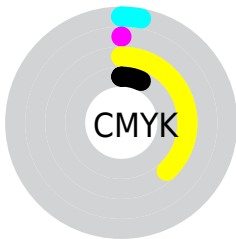
Blue (58%)



Red (58%)

Yellow (93%)

Blue (60%)

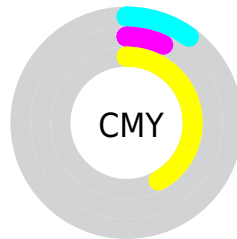


Cyan (3%)

Magenta (0%)

Yellow (38%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5EC93 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 E5EC93 by changing the saturation by 10% instead.



 E5EC93

 E5EC93

FFFFFF

 C8D079

 FFFFC4

 ACB45F

 FFFFEE

 919A46

 76802D

 5C6712

 434F00

 2B3800

 122200

 000800

 E5EC93

 E5EC93

 E3EC7B

 E7ECAB

 E1EC64

 E9ECC2

 DFEC4C

 EBECDA

 DEEC35

 ECECF1

 DCEC1D

 EECCFF

 DAEC05

 F0ECFF

 D9EC00

 F2ECFF

 F4ECFF

 F6ECFF

# Harmonies

## Analogous

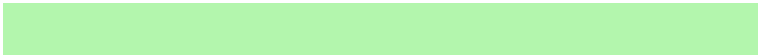
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDE90



E5EC93



B3F6AD

# Triad

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



E5EC93



4BF8FF



FFC6F6

# Complementary

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



E5EC93



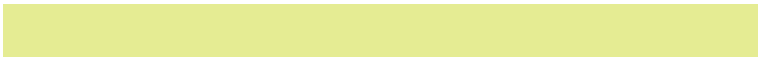
9A93EC

# 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.



FFD0FF



E5EC93



90EEFF

# Square

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



E5EC93



47FDFF



D6E0FF



FFC5CA

# Rectangle

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



E5EC93



90FBC7



D6E0FF



FFC8FF



# Sweetspot

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



E5EC93



FDFFE3



EC9993



7E806F



000000



808080



# Same Dimension

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



E5EC93



F6FF8C



BAEC93



74756A



A7B500



313600



# Inverse Universe

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



9A93EC



958CFF



C593EC



6A6A75



0E00B5

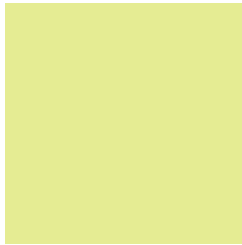


040036



# Previews

## White Background



This preview shows how the Hex color E5EC93 looks on a white background.

## Color Contrast Check

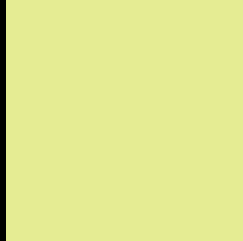
Large Text (above 18pt) WCAG AA × Fail

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 E5EC93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

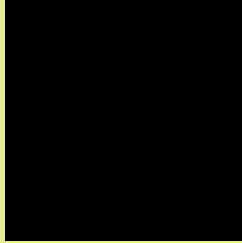
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5EC93 Background



This preview shows how black text looks on a background with the Hex color E5EC93.

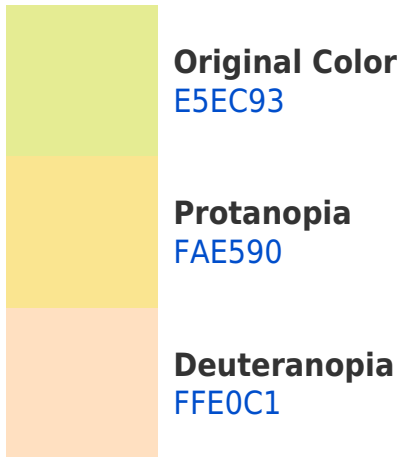


This preview shows how white text looks on a background with the Hex color E5EC93.

# 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](#).

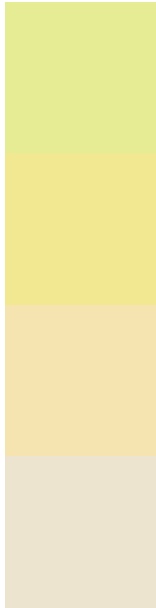
## Dichromacy





**Tritanopia**  
F0E0F2

# Trichromacy



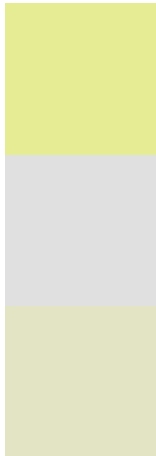
**Original Color**  
E5EC93

**Protanomaly**  
F2E891

**Deuteranomaly**  
F6E4B0

**Tritanomaly**  
ECE4CF

# Monochromacy



**Original Color**  
E5EC93

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
E2E4C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5EC93 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 #E5EC93 looks like.

```
.text, #text, p{  
    color:#E5EC93  
}
```

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 #E5EC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5EC93
}
```

## Border

The CSS property to change the border of an element to Hex E5EC93 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
#E5EC93 }
```

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

```
.border{ border-color:#E5EC93 }
```

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

Here you see how a box with a 4 pixel #E5EC93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5EC93; -webkit-box-shadow:4px 4px  
4px 4px #E5EC93; box-shadow:4px 4px 4px  
4px #E5EC93 }
```

# Background

The CSS property to change the background color of an element to Hex E5EC93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5EC93 }
```

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

```
.background{ background-color:#E5EC93 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor