

Converting Colors

Hex(E5EC92)

Have a look what the booklet for
Hex(E5EC92) contains.

Hex(E5EC92)	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(E5EC92)

Conversions

Conversions Part 1

Format	Color
Hex	E5EC92
RGB	229, 236, 146
RGB Percent	90%, 93%, 57%
CMY	0.1020, 0.0745, 0.4275
CMYK	0.03, 0.00, 0.38, 0.07
HSL	65°, 70%, 75%
HSV	65°, 38%, 93%
XYZ	67.4969, 78.7242, 38.8320
YIQ	223.6470, 24.7180, -29.4740

Conversions

Conversions Part 2

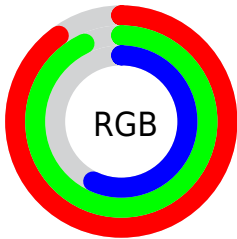
Format	Color
RYB	146, 236, 153
Decimal	15068306
CIELab	91.11, -15.59, 42.84
CIELCh	91, 45.589, 110.000
Yxy	78.7242, 0.3647, 0.4254
Android (android.graphics.Color)	4293258386 (0xFFE5EC92)
YUV	223.6470, -38.2800, 4.6946
Hunter-Lab	88.7267, -19.4818, 36.1599

Details

The Hex color **E5EC92** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9992EC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFC9**, and **ACB45E** is the 20% darker color. If you saturate the color by 10%, you get **E3EC7A**, and if you desaturate by 10%, it is **E7ECAA**.

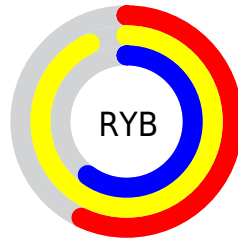
Distribution



Red (90%)

Green (93%)

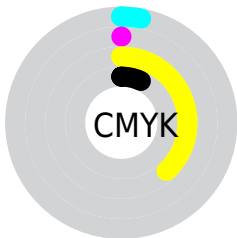
Blue (57%)



Red (57%)

Yellow (93%)

Blue (60%)

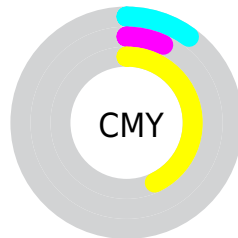


Cyan (3%)

Magenta (0%)

Yellow (38%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5EC92 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 E5EC92 by changing the saturation by 10% instead.

 E5EC92

 E5EC92

FFFFFF

 C8D078

 FFFFC9

 ACB45E

 FFFF E5

 919A45

 76802C

 5C6711

 434F00

 2B3800

 122200

 000800

 E5EC92

 E5EC92

 E3EC7A

 E7ECAA

 E1EC63

 E9ECC1

 DFEC4B

 EBEC D9

 DEEC34

 ECECF0

 DCEC1C

 EE E CFF

 DAEC04

 F0 E CFF

 DAEC00

 F2 E CFF

 F4 E CFF

 F6 E CFF

Harmonies

Analogous

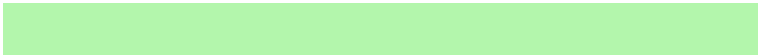
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDE8F



E5EC92



B3F6AC

Triad

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



E5EC92



47F8FF



FFC5F6

Complementary

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



E5EC92



9992EC

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



E5EC92



8EEEFF

Square

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



E5EC92



42FDFF



D6E0FF



FFC5CA

Rectangle

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



E5EC92



8EFBC6



D6E0FF



FFC8FF

Sweetspot

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



E5EC92



FDFFE3



EC9892



7E806F



000000



808080

Same Dimension

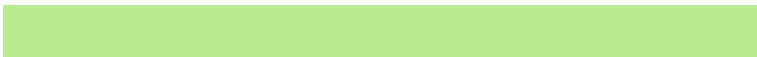
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E5EC92



F6FF8A



B9EC92



74756A



A7B500



313600

Inverse Universe

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



9992EC



938AFF



C592EC



6A6A75



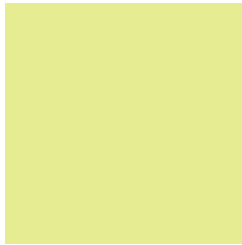
0E00B5



040036

Previews

White Background



This preview shows how the Hex color E5EC92 looks on a white background.

Color Contrast Check

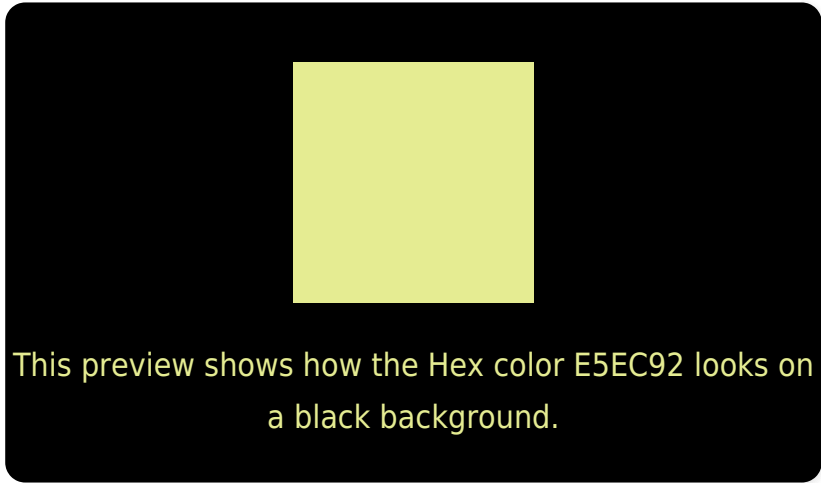
Large Text (above 18pt) WCAG AA × Fail

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

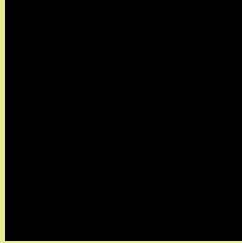
Any Text WCAG AA ✓ Pass

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 E5EC92 Background



This preview shows how black text looks on a background with the Hex color E5EC92.

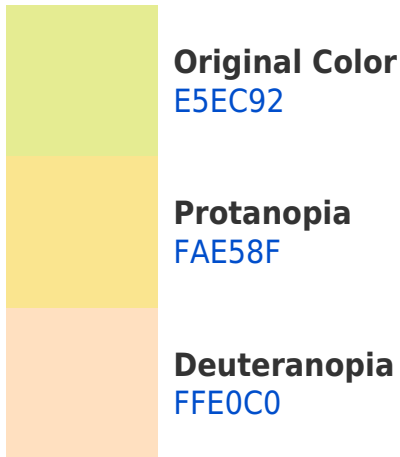


This preview shows how white text looks on a background with the Hex color E5EC92.

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](#).

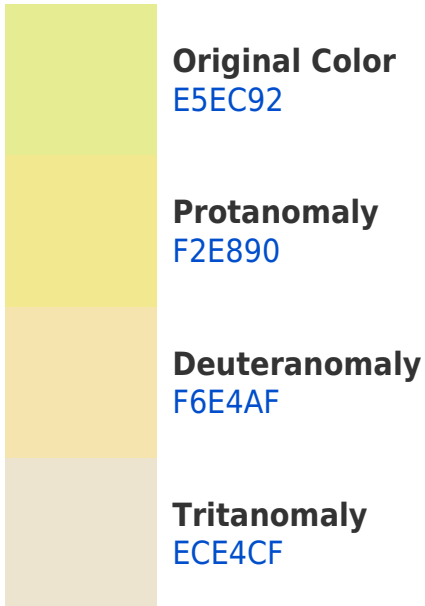
Dichromacy



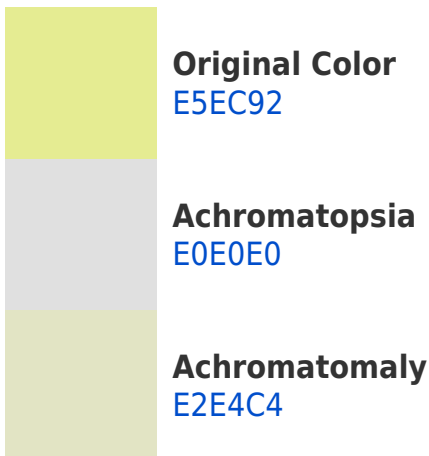


Tritanopia
F0E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5EC92 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 #E5EC92 looks like.

```
.text, #text, p{  
    color:#E5EC92  
}
```

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 #E5EC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5EC92
}
```

Border

The CSS property to change the border of an element to Hex E5EC92 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
#E5EC92 }
```

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

```
.border{ border-color:#E5EC92 }
```

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

Here you see how a box with a 4 pixel #E5EC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5EC92; -webkit-box-shadow:4px 4px  
4px 4px #E5EC92; box-shadow:4px 4px 4px  
4px #E5EC92 }
```

Background

The CSS property to change the background color of an element to Hex E5EC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5EC92 }
```

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

```
.background{ background-color:#E5EC92 }
```

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