

Converting Colors

Hex(E6EA99)

Have a look what the booklet for
Hex(E6EA99) contains.

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Color

Hex(E6EA99)

Conversions

Conversions Part 1

Format	Color
Hex	E6EA99
RGB	230, 234, 153
RGB Percent	90%, 92%, 60%
CMY	0.0980, 0.0824, 0.4000
CMYK	0.02, 0.00, 0.35, 0.08
HSL	63°, 66%, 76%
HSV	63°, 35%, 92%
XYZ	67.8057, 77.9685, 41.6127
YIQ	223.5700, 23.6170, -26.0390

Conversions

Conversions Part 2

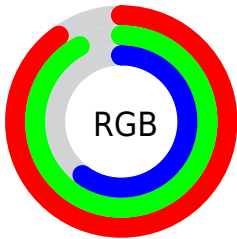
Format	Color
RYB	153, 234, 157
Decimal	15133337
CIELab	90.77, -13.43, 38.94
CIELCh	91, 41.190, 109.031
Yxy	77.9685, 0.3618, 0.4161
Android (android.graphics.Color)	4293323417 (0xFFE6EA99)
YUV	223.5700, -34.7910, 5.6391
Hunter-Lab	88.2998, -17.4539, 33.8685

Details

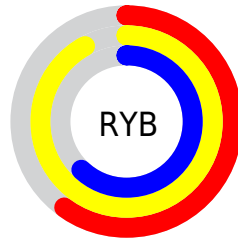
The Hex color **E6EA99** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9D99EA**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFD0**, and **ADB265** is the 20% darker color. If you saturate the color by 10%, you get **E5EA82**, and if you desaturate by 10%, it is **E7EAB0**.

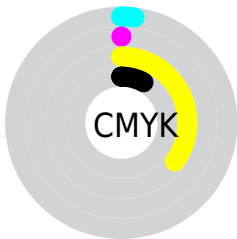
Distribution



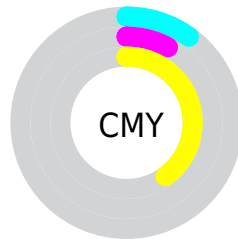
- Red (90%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6EA99 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 E6EA99 by changing the saturation by 10% instead.

 E6EA99

 E6EA99

FFFFFF

 C9CE7E

 FFFFD0

 ADB265

 FFFFED

 92984C

 777E33

 5D651B

 444D00

 2D3600

 142100

 000500

 E6EA99

 E6EA99

 E5EA82

 E7EAB0

 E4EA6A

 E8EAC8

 E3EA53

 E9EADF

 E1EA3B

 EBFAF7

 E0EA24

 ECEAFF

 DFEA0D

 EDEAFF

 DEEA00

 EEEAFF

 EFEAFF

 FOEAFF

Harmonies

Analogous

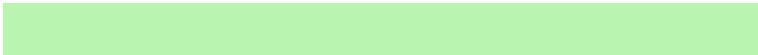
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD97



E6EA99



B9F4B0

Triad

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



E6EA99



64F6FF



FFC8F5

Complementary

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



E6EA99



9D99EA

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.



FFD2FF



E6EA99



98EDFF

Square

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



E6EA99



61FAFD



D5E0FF



FFC8CD

Rectangle

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



E6EA99



99F8C7



D5E0FF



FFCAFF

Sweetspot

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



E6EA99



FEFFE6



EA9C99



7F8070



000000



808080

Same Dimension

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



E6EA99



FAFF94



BFEA99



75756A



ACB500



333600

Inverse Universe

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



9D99EA



9994FF



C499EA



6A6A75



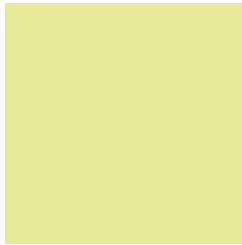
0900B5



030036

Previews

White Background



This preview shows how the Hex color E6EA99 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 E6EA99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

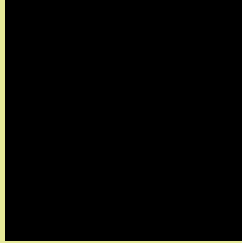
Any Text WCAG AA ✓ Pass

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 E6EA99 Background



This preview shows how black text looks on a background with the Hex color E6EA99.

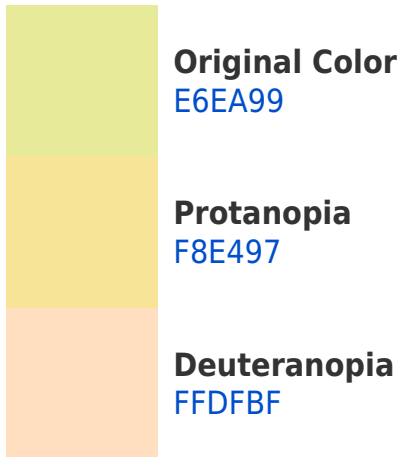


This preview shows how white text looks on a background with the Hex color E6EA99.

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](#).

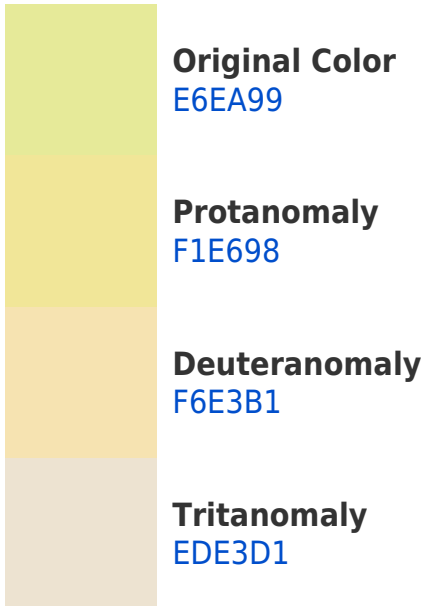
Dichromacy



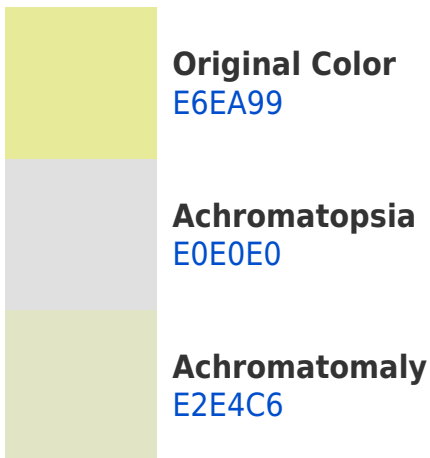


Tritanopia
F1DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6EA99 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 #E6EA99 looks like.

```
.text, #text, p{  
    color:#E6EA99  
}
```

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 #E6EA99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6EA99
}
```

Border

The CSS property to change the border of an element to Hex E6EA99 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
#E6EA99 }
```

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

```
.border{ border-color:#E6EA99 }
```

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

Here you see how a box with a 4 pixel #E6EA99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6EA99; -webkit-box-shadow:4px 4px  
4px 4px #E6EA99; box-shadow:4px 4px 4px  
4px #E6EA99 }
```

Background

The CSS property to change the background color of an element to Hex E6EA99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6EA99 }
```

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

```
.background{ background-color:#E6EA99 }
```

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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