

# Converting Colors

Hex(E6EEC9)

Have a look what the booklet for  
Hex(E6EEC9) contains.

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# **Color**

**Hex(E6EEC9)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E6EEC9                     |
| RGB         | 230, 238, 201              |
| RGB Percent | 90%, 93%, 79%              |
| CMY         | 0.0980, 0.0667, 0.2118     |
| CMYK        | 0.03, 0.00, 0.16, 0.07     |
| HSL         | 73°, 52%, 86%              |
| HSV         | 73°, 16%, 93%              |
| XYZ         | 73.7503, 82.1891, 67.2354  |
| YIQ         | 231.3900, 7.1090, -13.2030 |

# Conversions

## Conversions Part 2

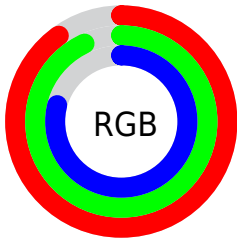
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">201, 238, 209</a>                   |
| Decimal                             | <a href="#">15134409</a>                        |
| CIELab                              | <a href="#">92.66, -8.90, 17.03</a>             |
| CIELCh                              | <a href="#">93, 19.215, 117.584</a>             |
| Yxy                                 | <a href="#">82.1891, 0.3305,<br/>0.3683</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4293324489<br/>(0xFFE6EEC9)</a>     |
| YUV                                 | <a href="#">231.3900, -14.9823,<br/>-1.2190</a> |
| Hunter-Lab                          | <a href="#">90.6582, -13.4425,<br/>19.4892</a>  |

# Details

The Hex color **E6EEC9** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D1C9EE**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **AEB693** is the 20% darker color. If you saturate the color by 10%, you get **E1EEB1**, and if you desaturate by 10%, it is **EBEEE1**.

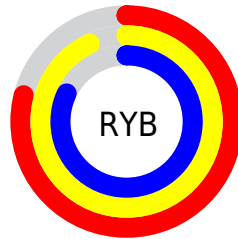
# Distribution



Red (90%)

Green (93%)

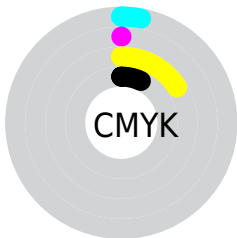
Blue (79%)



Red (79%)

Yellow (93%)

Blue (82%)

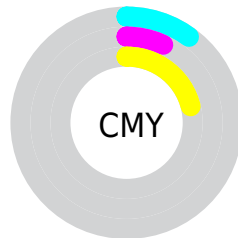


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6EEC9 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 E6EEC9 by changing the saturation by 10% instead.



 E6EEC9

FFFFFF

 E6EEC9

 CAD2AE

 AEB693

 949B79

 7A8160

 616848

 495032

 32391C

 1D2404

 000F00

 E6EEC9

 E6EEC9

 E1EEB1

 EBEEE1

 DCEE99

 F0EEF9

 D7EE82

 F5EEFF

 D1EE6A

 FBEEFF

 CCEE52

 FFEEFF

 C7EE3A

 C2EE22

 BDEE0B

 BBEE00

# Harmonies

## Analogous

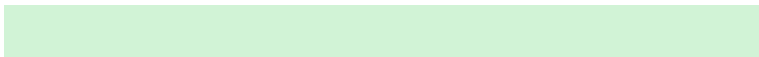
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FAE8C5



E6EEC9



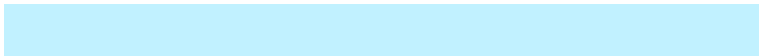
D1F3D6

# Triad

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



E6EEC9



C1F1FF



FFDDEC

# Complementary

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



E6EEC9



D1C9EE

# Split Complementary

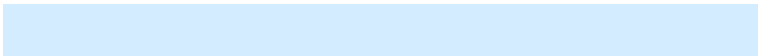
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE0FE



E6EEC9



D4ECFF

# Square

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



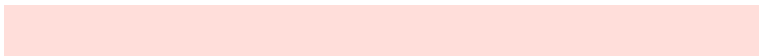
E6EEC9



BAF4FA



ECE6FF



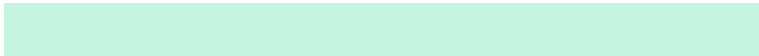
FFDEDA

# Rectangle

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



E6EEC9



C5F4E1



ECE6FF



FFDEF2



# Sweetspot

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



E6EEC9



FCFFF2



EED0C9



7E8078



000000



808080

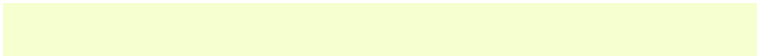


# Same Dimension

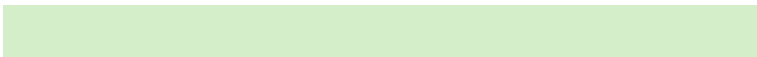
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6EEC9



F5FFCF



D4EEC9



75786C



90B800



2C3800



# Inverse Universe

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



D1C9EE



D9CFFF



E3C9EE



6E6C78



2800B8

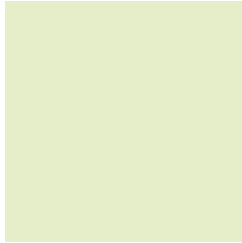


0C0038



# Previews

## White Background



This preview shows how the Hex color E6EEC9 looks on a white background.

## Color Contrast Check

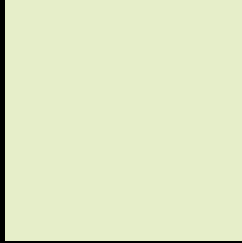
Large Text (above 18pt) WCAG AA × Fail

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 E6EEC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

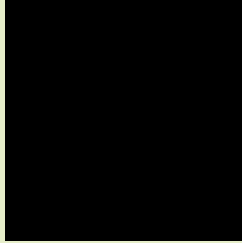
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

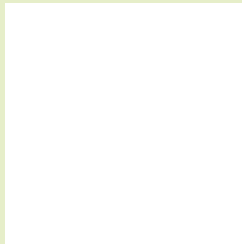
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6EEC9 Background



This preview shows how black text looks on a background with the Hex color E6EEC9.

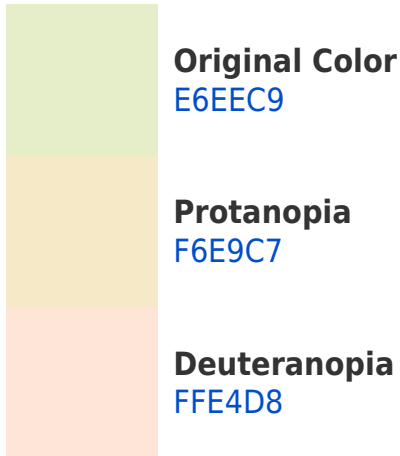


This preview shows how white text looks on a background with the Hex color E6EEC9.

# 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**  
EDE7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6EEC9 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 #E6EEC9 looks like.

```
.text, #text, p{  
    color:#E6EEC9  
}
```

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 #E6EEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6EEC9
}
```

## Border

The CSS property to change the border of an element to Hex E6EEC9 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
#E6EEC9 }
```

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

```
.border{ border-color:#E6EEC9 }
```

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

Here you see how a box with a 4 pixel #E6EEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6EEC9; -webkit-box-shadow:4px 4px  
4px 4px #E6EEC9; box-shadow:4px 4px 4px  
4px #E6EEC9 }
```

# Background

The CSS property to change the background color of an element to Hex E6EEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6EEC9 }
```

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

```
.background{ background-color:#E6EEC9 }
```

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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