

Converting Colors

Hex(E9F3CA)

Have a look what the booklet for
Hex(E9F3CA) contains.

Hex(E9F3CA)	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(E9F3CA)

Conversions

Conversions Part 1

Format	Color
Hex	E9F3CA
RGB	233, 243, 202
RGB Percent	91%, 95%, 79%
CMY	0.0863, 0.0471, 0.2078
CMYK	0.04, 0.00, 0.17, 0.05
HSL	75°, 63%, 87%
HSV	75°, 17%, 95%
XYZ	76.3155, 85.6891, 68.3945
YIQ	235.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

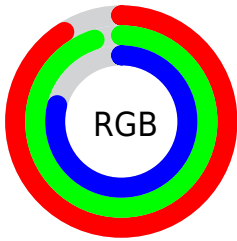
Format	Color
R_{YB}	202, 243, 212
Decimal	15332298
CIE _{Lab}	94.18, -10.19, 18.68
CIE _{LCh}	94, 21.277, 118.605
Yxy	85.6891, 0.3312, 0.3719
Android (android.graphics.Color)	4293522378 (0xFFE9F3CA)
YUV	235.3360, -16.4346, -2.0487
Hunter-Lab	92.5684, -14.8352, 20.9912

Details

The Hex color **E9F3CA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D4CAF3**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B1BB94** is the 20% darker color. If you saturate the color by 10%, you get **E3F3B2**, and if you desaturate by 10%, it is **EFF3E2**.

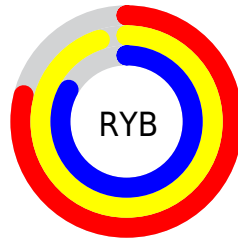
Distribution



Red (91%)

Green (95%)

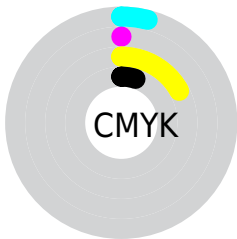
Blue (79%)



Red (79%)

Yellow (95%)

Blue (83%)

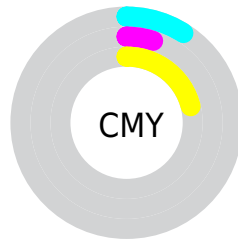


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9F3CA 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 E9F3CA by changing the saturation by 10% instead.

 E9F3CA

FFFFFF

 E9F3CA

 CDD7AF

 B1BB94

 96A07A

 7C8661

 636C49

 4B5432

 343D1D

 1F2705

 001400

 E9F3CA

 E9F3CA

 E3F3B2

 EFF3E2

 DDF399

 F5F3FB

 D7F381

 FBF3FF

 D1F369

 FFF3FF

 CBF350

 C5F338

 C0F320

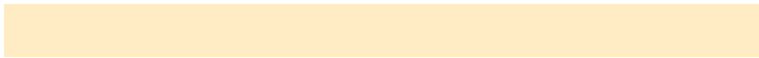
 BAF308

 B8F300

Harmonies

Analogous

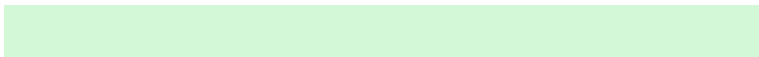
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFECC5



E9F3CA



D2F8D8

Triad

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



E9F3CA



C0F6FF



FFE0F0

Complementary

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



E9F3CA



D4CAF3

Split Complementary

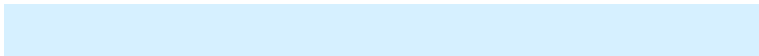
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE3FF



E9F3CA



D6F0FF

Square

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



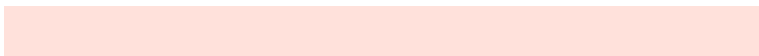
E9F3CA



B8FAFF



F1E9FF



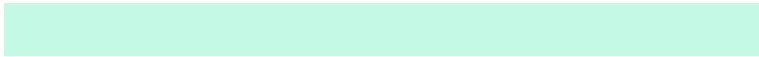
FFE1DB

Rectangle

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



E9F3CA



C4FAE5



F1E9FF



FFE1F7

Sweetspot

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



E9F3CA



FCFFF2



F3D4CA



7E8078



000000



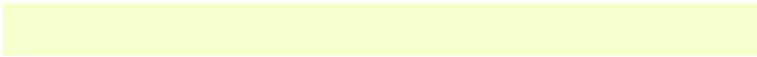
808080

Same Dimension

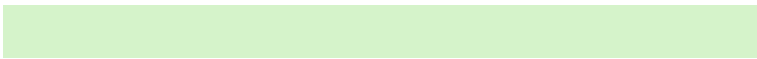
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E9F3CA



F3FFCC



D5F3CA



777A6E



8DBA00



2C3B00

Inverse Universe

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



D4CAF3



D8CCFF



E8CAF3



716E7A



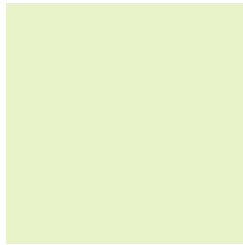
2D00BA



0E003B

Previews

White Background



This preview shows how the Hex color E9F3CA looks on a white background.

Color Contrast Check

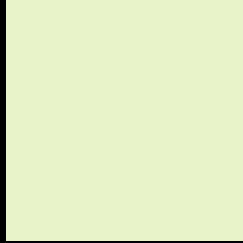
Large Text (above 18pt) WCAG AA × Fail

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 E9F3CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

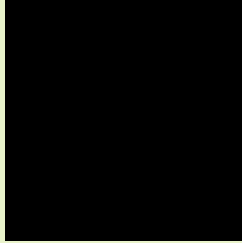
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

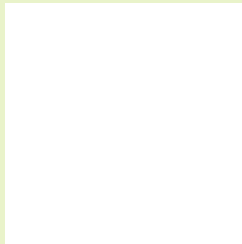
Any Text WCAG AAA ✓ Pass

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

Hex E9F3CA Background



This preview shows how black text looks on a background with the Hex color E9F3CA.

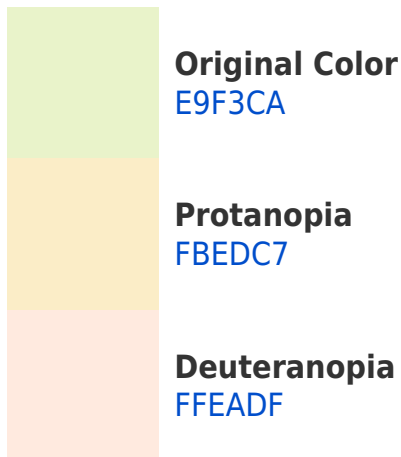


This preview shows how white text looks on a background with the Hex color E9F3CA.

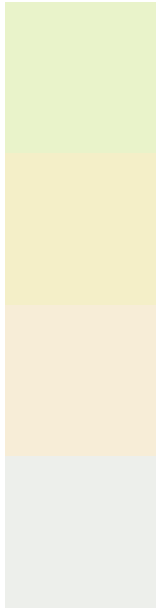
Color Blindness Simulation

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



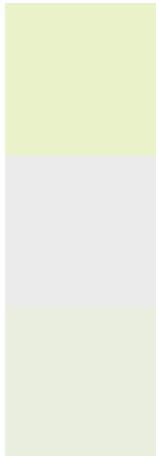
Original Color
E9F3CA

Protanomaly
F4EFC8

Deuteranomaly
F7EDD7

Tritanomaly
EDEFEB

Monochromacy



Original Color
E9F3CA

Achromatopsia
EBEBEB

Achromatomaly
EAEEDF

CSS Examples

Text

The CSS property to change the color of the text to Hex E9F3CA 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 #E9F3CA looks like.

```
.text, #text, p{  
    color:#E9F3CA  
}
```

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 #E9F3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9F3CA
}
```

Border

The CSS property to change the border of an element to Hex E9F3CA 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
#E9F3CA }
```

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

```
.border{ border-color:#E9F3CA }
```

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

Here you see how a box with a 4 pixel #E9F3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9F3CA; -webkit-box-shadow:4px 4px  
4px 4px #E9F3CA; box-shadow:4px 4px 4px  
4px #E9F3CA }
```

Background

The CSS property to change the background color of an element to Hex E9F3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9F3CA }
```

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

```
.background{ background-color:#E9F3CA }
```

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