

Converting Colors

Hex(E6F3BF)

Have a look what the booklet for
Hex(E6F3BF) contains.

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Color

Hex(E6F3BF)

Conversions

Conversions Part 1

Format	Color
Hex	E6F3BF
RGB	230, 243, 191
RGB Percent	90%, 95%, 75%
CMY	0.0980, 0.0471, 0.2510
CMYK	0.05, 0.00, 0.21, 0.05
HSL	75°, 68%, 85%
HSV	75°, 21%, 95%
XYZ	74.0877, 84.6858, 61.7314
YIQ	233.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

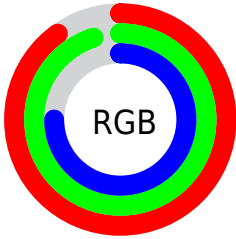
Format	Color
RYB	191, 243, 204
Decimal	15135679
CIELab	93.75, -12.89, 23.69
CIELCh	94, 26.970, 118.557
Yxy	84.6858, 0.3360, 0.3841
Android (android.graphics.Color)	4293325759 (0xFFE6F3BF)
YUV	233.1850, -20.7972, -2.7932
Hunter-Lab	92.0249, -17.3361, 24.6450

Details

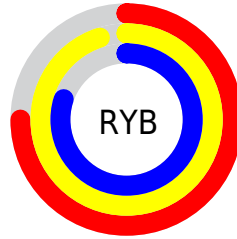
The Hex color **E6F3BF** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CCBFF3**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF8**, and **AEBB89** is the 20% darker color. If you saturate the color by 10%, you get **E0F3A7**, and if you desaturate by 10%, it is **ECF3D7**.

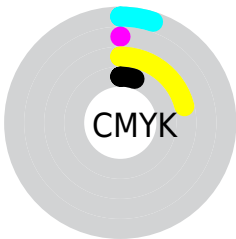
Distribution



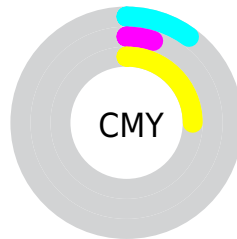
- Red (90%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6F3BF 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 E6F3BF by changing the saturation by 10% instead.

 E6F3BF

FFFFFFF

 FFFFFFF8

 E6F3BF

 CAD7A4

 AE8B89

 93A070

 798657

 606C3F

 485429

 303D13

 1C2700

 001400

 E6F3BF

 E6F3BF

 E0F3A7

 ECF3D7

 DAF38E

 F2F3F0

 D4F376

 F8F3FF

 CEF35E

 FEF3FF

 C8F346

 FFF3FF

 C2F32D

 BBF315

 B6F300

Harmonies

Analogous

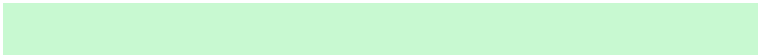
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEBB9



E6F3BF



C8F9D1

Triad

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



E6F3BF



B0F7FF



FFDBEF

Complementary

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



E6F3BF



CCBFF3

Split Complementary

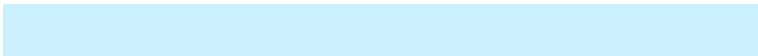
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDFFF



E6F3BF



CDF0FF

Square

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



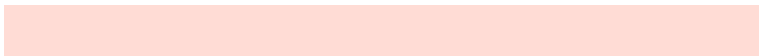
E6F3BF



A5FBFF



F0E7FF



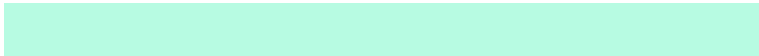
FFDCD5

Rectangle

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



E6F3BF



B7FBE2



F0E7FF



FFDCF8

Sweetspot

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



E6F3BF



FBFFF0



F3CCBF



7D8077



000000



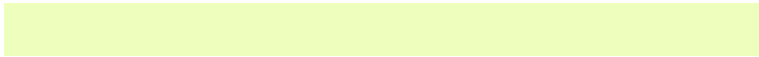
808080

Same Dimension

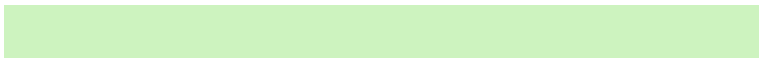
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6F3BF



EEFFBD



CDF3BF



777A6E



8CBA00



2C3B00

Inverse Universe

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



CCBFF3



CDBDFF



E6BFF3



716E7A



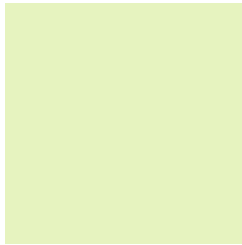
2F00BA



0F003B

Previews

White Background



This preview shows how the Hex color E6F3BF 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 E6F3BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

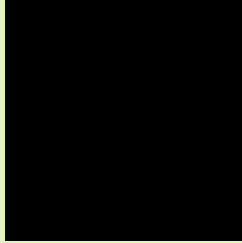
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

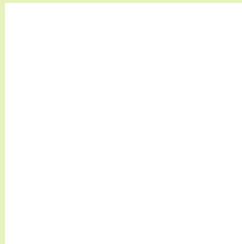
Any Text WCAG AAA ✓ Pass

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

Hex E6F3BF Background



This preview shows how black text looks on a background with the Hex color E6F3BF.

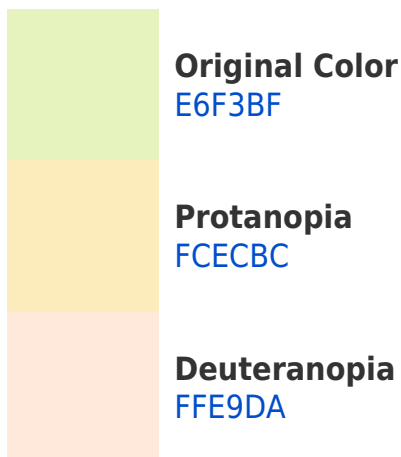


This preview shows how white text looks on a background with the Hex color E6F3BF.

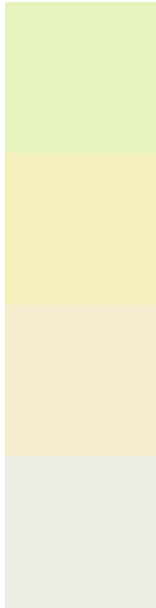
Color Blindness Simulation

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



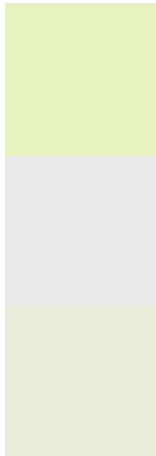
Original Color
E6F3BF

Protanomaly
F4EFBD

Deuteranomaly
F6EDD0

Tritanomaly
ECEEE6

Monochromacy



Original Color
E6F3BF

Achromatopsia
E9E9E9

Achromatomaly
E8EDDA

CSS Examples

Text

The CSS property to change the color of the text to Hex E6F3BF 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 #E6F3BF looks like.

```
.text, #text, p{  
    color:#E6F3BF  
}
```

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 #E6F3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F3BF
}
```

Border

The CSS property to change the border of an element to Hex E6F3BF 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
#E6F3BF }
```

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

```
.border{ border-color:#E6F3BF }
```

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

Here you see how a box with a 4 pixel #E6F3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F3BF; -webkit-box-shadow:4px 4px  
4px 4px #E6F3BF; box-shadow:4px 4px 4px  
4px #E6F3BF }
```

Background

The CSS property to change the background color of an element to Hex E6F3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F3BF }
```

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

```
.background{ background-color:#E6F3BF }
```

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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