

Converting Colors

Hex(E6F3D8)

Have a look what the booklet for
Hex(E6F3D8) contains.

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Color

Hex(E6F3D8)

Conversions

Conversions Part 1

Format	Color
Hex	E6F3D8
RGB	230, 243, 216
RGB Percent	90%, 95%, 85%
CMY	0.0980, 0.0471, 0.1529
CMYK	0.05, 0.00, 0.11, 0.05
HSL	89°, 53%, 90%
HSV	89°, 11%, 95%
XYZ	77.0784, 85.8820, 77.4802
YIQ	236.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

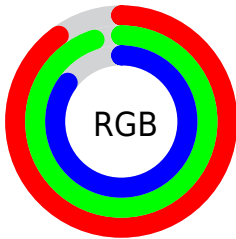
Format	Color
R _Y B	216, 243, 229
Decimal	15135704
CIE Lab	94.26, -9.00, 11.55
CIE LCh	94, 14.643, 127.923
Yxy	85.8820, 0.3206, 0.3572
Android (android.graphics.Color)	4293325784 (0xFFE6F3D8)
YUV	236.0350, -9.8773, -5.2927
Hunter-Lab	92.6726, -13.7135, 15.3006

Details

The Hex color **E6F3D8** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **E5D8F3**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **AEBBA1** is the 20% darker color. If you saturate the color by 10%, you get **DAF3C0**, and if you desaturate by 10%, it is **F2F3F0**.

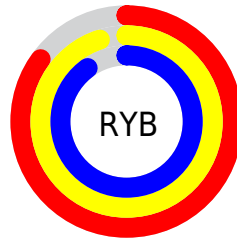
Distribution



Red (90%)

Green (95%)

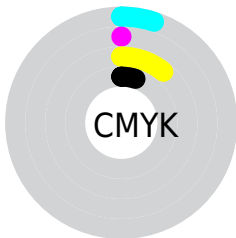
Blue (85%)



Red (85%)

Yellow (95%)

Blue (90%)

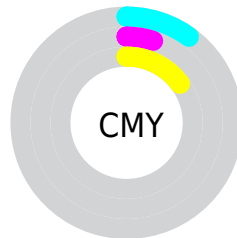


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6F3D8 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 E6F3D8 by changing the saturation by 10% instead.

 E6F3D8

FFFFFF

 E6F3D8

 CAD7BC

 AEBBA1

 94A087

 7A866E

 616C55

 49543E

 323D28

 1D2714

 011300

 E6F3D8

 E6F3D8

 DAF3C0

 F2F3F0

 CFF3A7

 FDF3FF

 C3F38F

 FFF3FF

 B7F377

 ACF35F

 A0F346

 94F32E

 88F316

 7EF300

Harmonies

Analogous

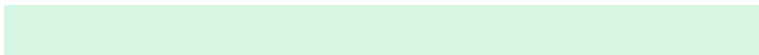
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6EFD3



E6F3D8



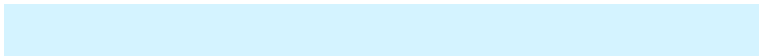
D7F6E3

Triad

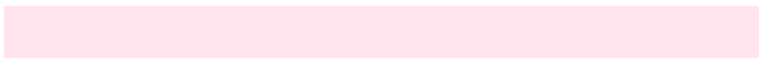
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E6F3D8



D4F3FF



FFE5EB

Complementary

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



E6F3D8



E5D8F3

Split Complementary

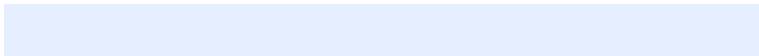
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE6F9



E6F3D8



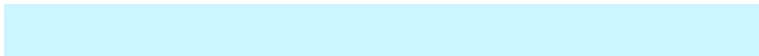
E4EEFF

Square

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



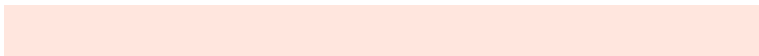
E6F3D8



CCF6FF



F6EAFF



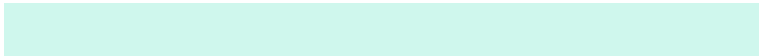
FFE6DE

Rectangle

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



E6F3D8



CFF7ED



F6EAFB



FFE5F0

Sweetspot

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



E6F3D8



FBFFF7



F3E5D8



7D807A



000000



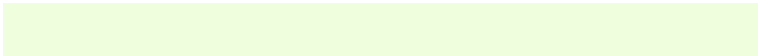
808080

Same Dimension

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



E6F3D8



EFFFDE



D9F3D8



757A6E



61BA00



1E3B00

Inverse Universe

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



E5D8F3



EEDEFF



F2D8F3



746E7A



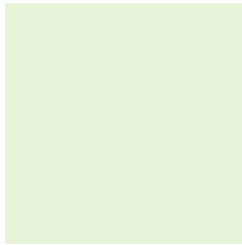
5A00BA



1C003B

Previews

White Background



This preview shows how the Hex color E6F3D8 looks on a white background.

Color Contrast Check

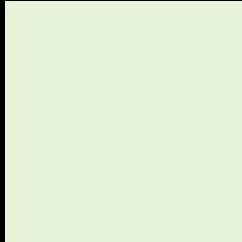
Large Text (above 18pt) WCAG AA × Fail

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 E6F3D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

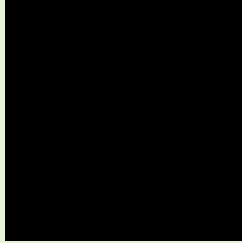
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

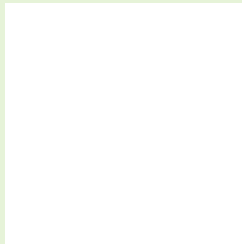
Any Text WCAG AAA ✓ Pass

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

Hex E6F3D8 Background



This preview shows how black text looks on a background with the Hex color E6F3D8.

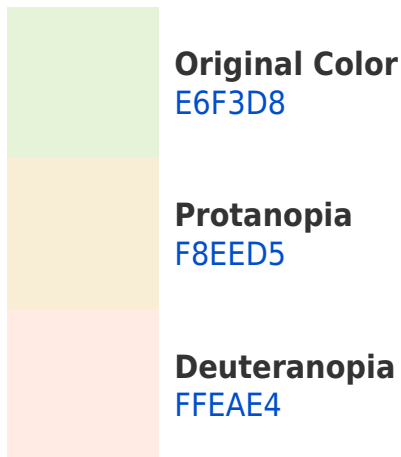


This preview shows how white text looks on a background with the Hex color E6F3D8.

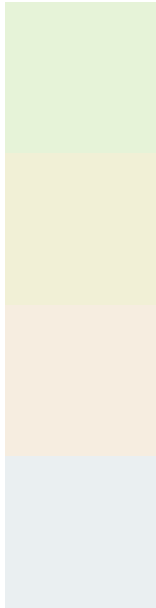
Color Blindness Simulation

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



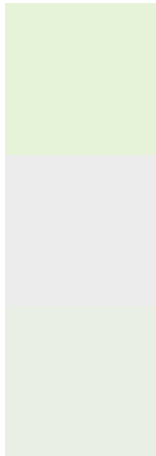
Original Color
E6F3D8

Protanomaly
F1F0D6

Deuteranomaly
F6EDE0

Tritanomaly
EAEFF1

Monochromacy



Original Color
E6F3D8

Achromatopsia
ECECEC

Achromatomaly
EAEFE5

CSS Examples

Text

The CSS property to change the color of the text to Hex E6F3D8 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 #E6F3D8 looks like.

```
.text, #text, p{  
    color:#E6F3D8  
}
```

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 #E6F3D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F3D8 }  
}
```

Border

The CSS property to change the border of an element to Hex E6F3D8 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 #E6F3D8 }  
}
```

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

```
.border{ border-color:#E6F3D8 }
```

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

Here you see how a box with a 4 pixel #E6F3D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F3D8; -webkit-box-shadow:4px 4px  
4px 4px #E6F3D8; box-shadow:4px 4px 4px  
4px #E6F3D8 }
```

Background

The CSS property to change the background color of an element to Hex E6F3D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F3D8 }
```

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

```
.background{ background-color:#E6F3D8 }
```

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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