

Converting Colors

Hex(E3F6DA)

Have a look what the booklet for
Hex(E3F6DA) contains.

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Color

Hex(E3F6DA)

Conversions

Conversions Part 1

Format	Color
Hex	E3F6DA
RGB	227, 246, 218
RGB Percent	89%, 96%, 85%
CMY	0.1098, 0.0353, 0.1451
CMYK	0.08, 0.00, 0.11, 0.04
HSL	101°, 61%, 91%
HSV	101°, 11%, 96%
XYZ	77.2892, 87.3044, 79.1075
YIQ	237.1270, -2.3360, -12.7360

Conversions

Conversions Part 2

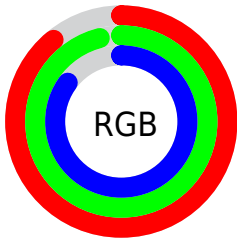
Format	Color
R_{YB}	218, 246, 237
Decimal	14939866
CIE Lab	94.87, -11.18, 11.35
CIE LCh	95, 15.937, 134.570
Yxy	87.3044, 0.3171, 0.3582
Android (android.graphics.Color)	4293129946 (0xFFE3F6DA)
YUV	237.1270, -9.4296, -8.8814
Hunter-Lab	93.4368, -15.8625, 15.2084

Details

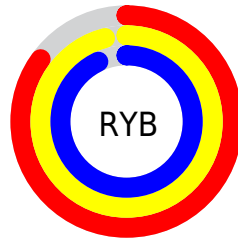
The Hex color **E3F6DA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **EDDAF6**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **ACBEA3** is the 20% darker color. If you saturate the color by 10%, you get **D2F6C1**, and if you desaturate by 10%, it is **F4F6F3**.

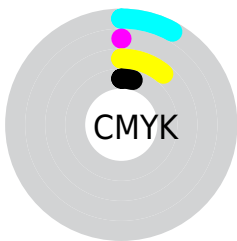
Distribution



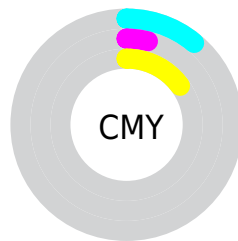
- Red (89%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3F6DA 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 E3F6DA by changing the saturation by 10% instead.

 E3F6DA

FFFFFF

 E3F6DA

 C7DABE

 ACBEA3

 91A389

 77886F

 5E6F57

 475740

 303F2A

 1B2915

 001600

 E3F6DA

 E3F6DA

 D2F6C1

 F4F6F3

 C2F6A9

 FFF6FF

 B1F690

 A0F678

 90F65F

 7FF646

 6EF62E

 5DF615

 4FF600

Harmonies

Analogous

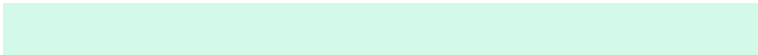
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F5F2D2



E3F6DA



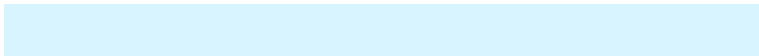
D3F9E8

Triad

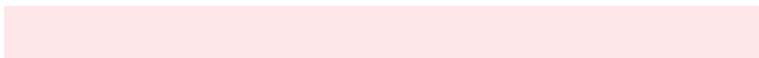
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3F6DA



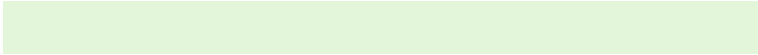
D7F4FF



FFE6E9

Complementary

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



E3F6DA



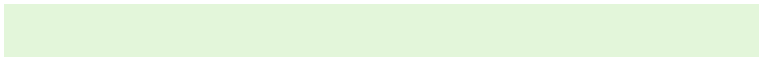
EDDAF6

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.



FFE7F9



E3F6DA



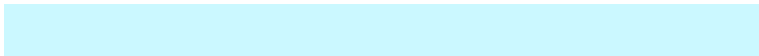
E9EFFF

Square

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



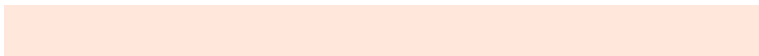
E3F6DA



CBF8FF



FCEAFF



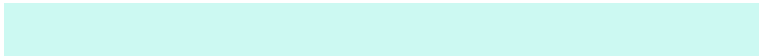
FFE8DB

Rectangle

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



E3F6DA



CCF9F2



FCEAFF



FFE6EE

Sweetspot

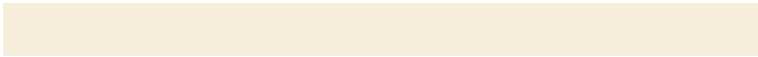
The Sweet Spot groups the original color and five complimentary colors.



E3F6DA



FAFFF7



F6EDDA



7C807A



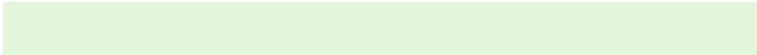
000000



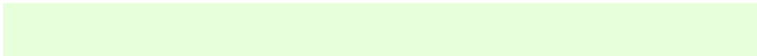
808080

Same Dimension

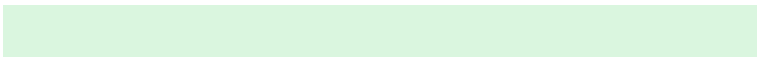
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3F6DA



E7FFDB



DAF6DF



727A6E



3CBA00



133B00

Inverse Universe

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



EDDAF6



F4DBFF



F6DAF1



766E7A



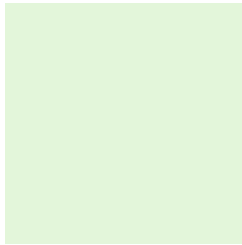
7E00BA



28003B

Previews

White Background



This preview shows how the Hex color E3F6DA 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 E3F6DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

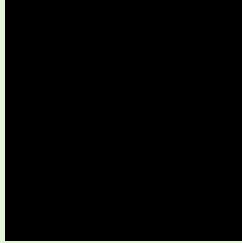
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

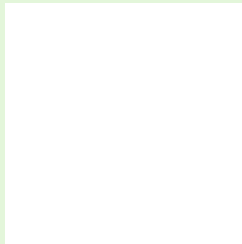
Any Text WCAG AAA ✓ Pass

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

Hex E3F6DA Background



This preview shows how black text looks on a background with the Hex color E3F6DA.

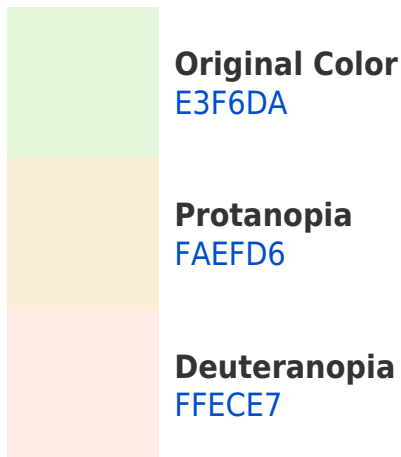


This preview shows how white text looks on a background with the Hex color E3F6DA.

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

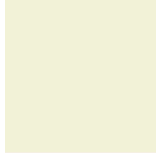


Trichromacy



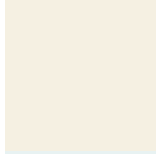
Original Color

E3F6DA



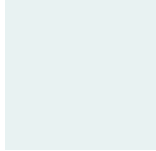
Protanomaly

F2F2D7



Deuteranomaly

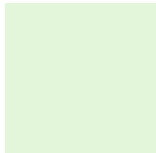
F5F0E2



Tritanomaly

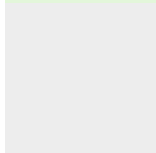
E8F2F2

Monochromacy



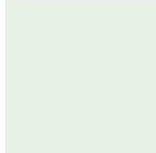
Original Color

E3F6DA



Achromatopsia

EDEDED



Achromatomaly

E9F0E6

CSS Examples

Text

The CSS property to change the color of the text to Hex E3F6DA 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 #E3F6DA looks like.

```
.text, #text, p{  
    color:#E3F6DA  
}
```

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 #E3F6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F6DA
}
```

Border

The CSS property to change the border of an element to Hex E3F6DA 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
#E3F6DA }
```

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

```
.border{ border-color:#E3F6DA }
```

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

Here you see how a box with a 4 pixel #E3F6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F6DA; -webkit-box-shadow:4px 4px  
4px 4px #E3F6DA; box-shadow:4px 4px 4px  
4px #E3F6DA }
```

Background

The CSS property to change the background color of an element to Hex E3F6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F6DA }
```

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

```
.background{ background-color:#E3F6DA }
```

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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