

# Converting Colors

Hex(E8F2FA)

Have a look what the booklet for  
Hex(E8F2FA) contains.

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# **Color**

**Hex(E8F2FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8F2FA
RGB	232, 242, 250
RGB Percent	91%, 95%, 98%
CMY	0.0902, 0.0510, 0.0196
CMYK	0.07, 0.03, 0.00, 0.02
HSL	207°, 64%, 95%
HSV	207°, 7%, 98%
XYZ	82.2862, 87.5622, 103.0067
YIQ	239.9220, -8.5280, 0.3680

# Conversions

## Conversions Part 2

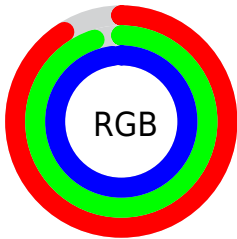
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 238, 250
Decimal	15266554
CIE Lab	94.98, -1.81, -5.00
CIE LCh	95, 5.313, 250.129
Yxy	87.5622, 0.3016, 0.3209
Android (android.graphics.Color)	4293456634 (0xFFE8F2FA)
YUV	239.9220, 4.9685, -6.9476
Hunter-Lab	93.5747, -6.7893, 0.2360

# Details

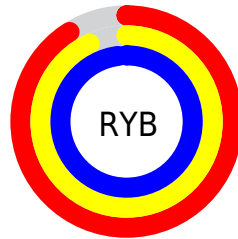
The Hex color `E8F2FA` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FAF0E8`, and the grayscale version is `F0F0F0`.

A 20% lighter version of the original color is `FFFFFF`, and `B0BAC2` is the 20% darker color. If you saturate the color by 10%, you get `CFE7FA`, and if you desaturate by 10%, it is `FFFDFA`.

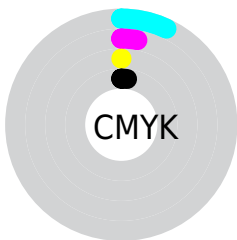
# Distribution



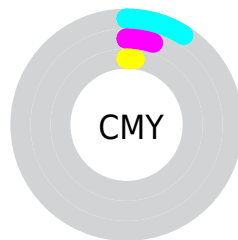
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (93%)
- Blue (98%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8F2FA 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 E8F2FA by changing the saturation by 10% instead.



 E8F2FA

FFFFFF

 E8F2FA

 CCD6DD

 B0BAC2

 969FA6

 7C858C

 636C73

 4B535A

 343C43

 1F272D

 081218

 E8F2FA

 E8F2FA

 CFE7FA

 FFFDFA

 B6DCFA

 FFFFFA

 9DD1FA

 84C6FA

 6BBAFA

 52AFFA

 39A4FA

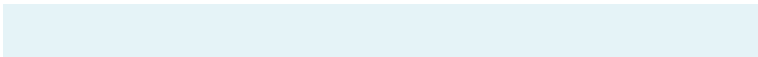
 2099FA

 078EFA

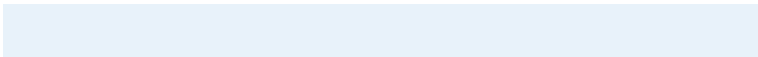
# Harmonies

## Analogous

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



E5F3F7



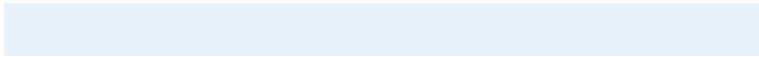
E8F2FA



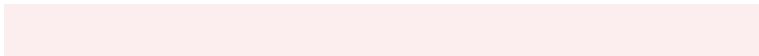
EEF0FB

# Triad

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



E8F2FA



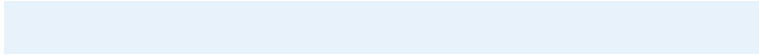
FCEDEF



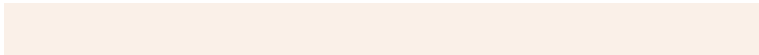
EDF2E9

# Complementary

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



E8F2FA



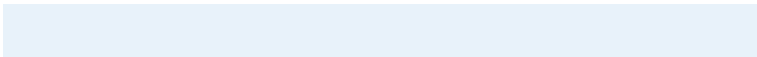
FAF0E8

# Split Complementary

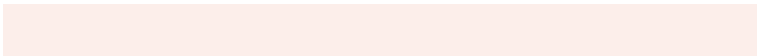
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3F1E6



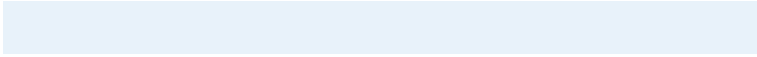
E8F2FA



FCEEEA

# Square

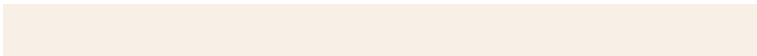
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



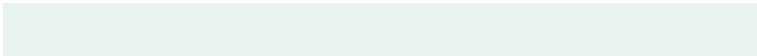
E8F2FA



F9EEF4



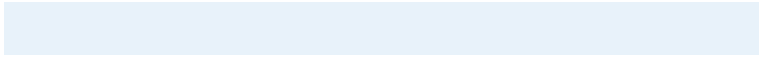
F8EFE7



E8F3ED

# Rectangle

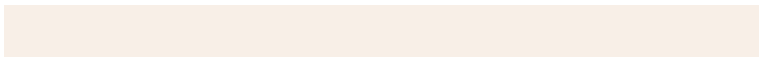
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8F2FA



F2EFF9



F8EFE7

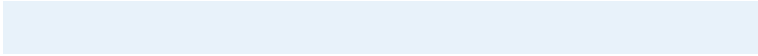


EFF2E8



# Sweetspot

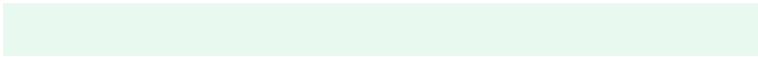
The Sweet Spot groups the original color and five complimentary colors.



E8F2FA



FAFDFF



E8FAF0



7D7E80



000000

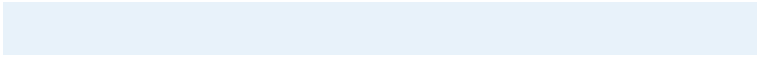


808080

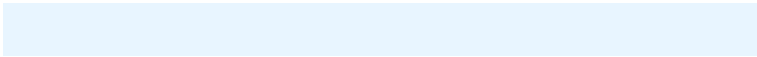


# Same Dimension

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



E8F2FA



E8F5FF



E8E9FA



70777D



0069BD



00223D



# Inverse Universe

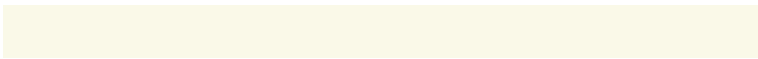
The Inverse Universe completely reimagines the original color for something new.



FAE8F2



FFE8F5



FAF9E8



7D7077



BD0069

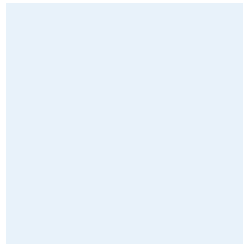


3D0022



# Previews

## White Background



This preview shows how the Hex color E8F2FA looks on a white background.

## Color Contrast Check

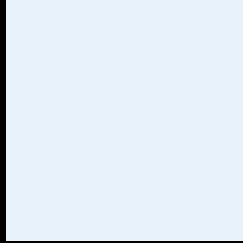
Large Text (above 18pt) WCAG AA × Fail

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 E8F2FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

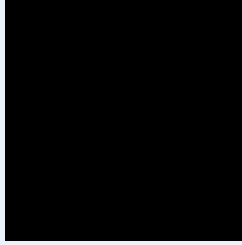
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

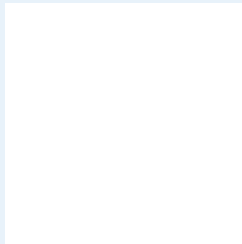
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8F2FA Background



This preview shows how black text looks on a background with the Hex color E8F2FA.

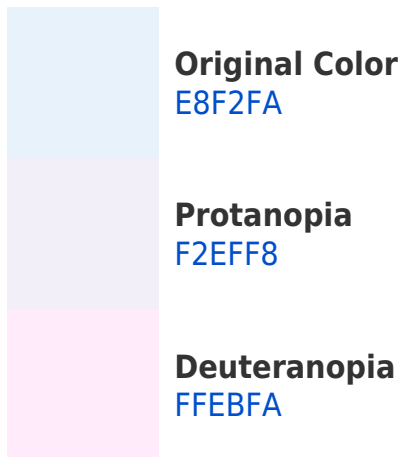


This preview shows how white text looks on a background with the Hex color E8F2FA.

# Color Blindness Simulation

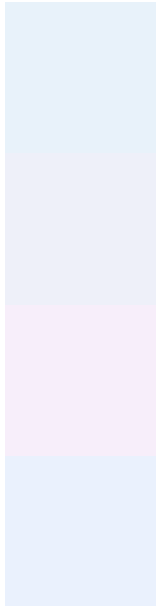
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



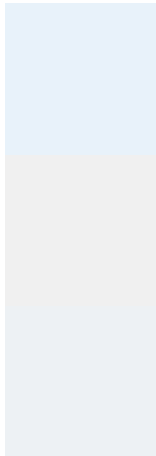
**Original Color**  
E8F2FA

**Protanomaly**  
EEF0F9

**Deuteranomaly**  
F7EEFA

**Tritanomaly**  
EAF1FD

# Monochromacy



**Original Color**  
E8F2FA

**Achromatopsia**  
F0F0F0

**Achromatomaly**  
EDF1F4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8F2FA 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 #E8F2FA looks like.

```
.text, #text, p{  
    color:#E8F2FA  
}
```

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 #E8F2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8F2FA
}
```

## Border

The CSS property to change the border of an element to Hex E8F2FA 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
#E8F2FA }
```

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

```
.border{ border-color:#E8F2FA }
```

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

Here you see how a box with a 4 pixel #E8F2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8F2FA; -webkit-box-shadow:4px 4px  
4px 4px #E8F2FA; box-shadow:4px 4px 4px  
4px #E8F2FA }
```

# Background

The CSS property to change the background color of an element to Hex E8F2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8F2FA }
```

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

```
.background{ background-color:#E8F2FA }
```

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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