

# Converting Colors

Hex(E3F4F8)

Have a look what the booklet for  
Hex(E3F4F8) contains.

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# **Color**

**Hex(E3F4F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3F4F8
RGB	227, 244, 248
RGB Percent	89%, 96%, 97%
CMY	0.1098, 0.0431, 0.0275
CMYK	0.08, 0.02, 0.00, 0.03
HSL	191°, 60%, 93%
HSV	191°, 8%, 97%
XYZ	80.9725, 87.8096, 101.4882
YIQ	239.3730, -11.4160, -2.3600

# Conversions

## Conversions Part 2

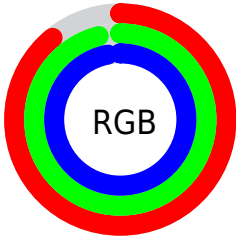
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 236, 248
Decimal	14939384
CIE Lab	95.08, -4.81, -3.85
CIE LCh	95, 6.156, 218.681
Yxy	87.8096, 0.2996, 0.3249
Android (android.graphics.Color)	4293129464 (0xFFE3F4F8)
YUV	239.3730, 4.2531, -10.8511
Hunter-Lab	93.7068, -9.7440, 1.3813

# Details

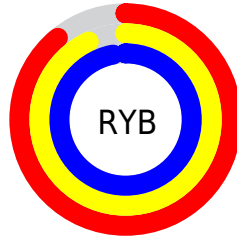
The Hex color `E3F4F8` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `F8E7E3`, and the grayscale version is `EFEFEF`.

A 20% lighter version of the original color is `FFFFFF`, and `ACBCC0` is the 20% darker color. If you saturate the color by 10%, you get `CAEFF8`, and if you desaturate by 10%, it is `FCF9F8`.

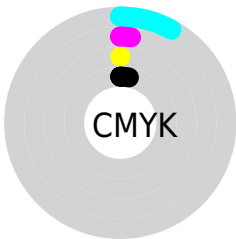
# Distribution



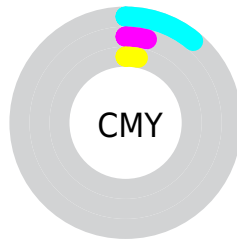
- Red (89%)
- Green (96%)
- Blue (97%)



- Red (89%)
- Yellow (93%)
- Blue (97%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3F4F8 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 E3F4F8 by changing the saturation by 10% instead.



 E3F4F8

FFFFFF

 E3F4F8

 C7D8DB

 ACBCC0

 91A1A5

 77878A

 5E6D71

 475558

 303E41

 1B282B

 021417

 E3F4F8

 E3F4F8

 CAEFF8

 FCF9F8

 B1EBF8

 FFFDF8

 99E6F8

 FFFFF8

 80E1F8

 67DCF8

 4ED8F8

 35D3F8

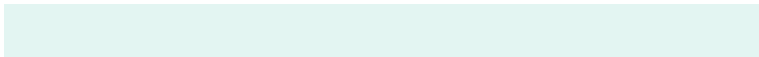
 1DCEF8

 04C9F8

# Harmonies

## Analogous

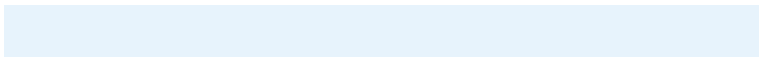
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3F5F2



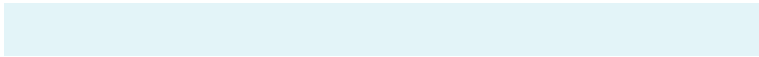
E3F4F8



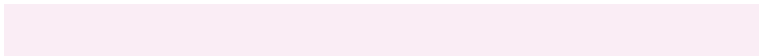
E7F3FC

# Triad

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



E3F4F8



FAEDF5



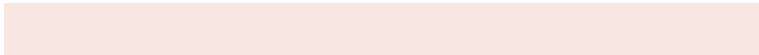
F4F1E5

# Complementary

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



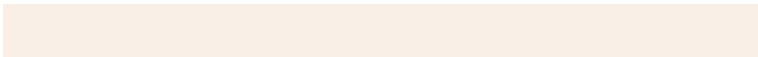
E3F4F8



F8E7E3

# Split Complementary

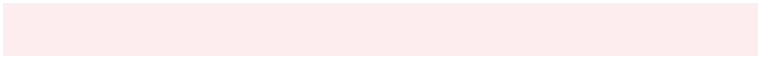
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAEFE6



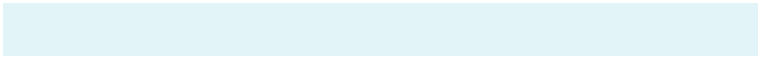
E3F4F8



FEEDF

# Square

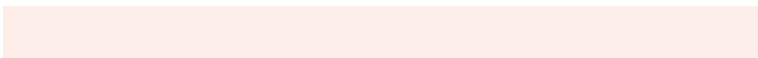
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3F4F8



F4E9FA



FEFEEA



EDF3E7

# Rectangle

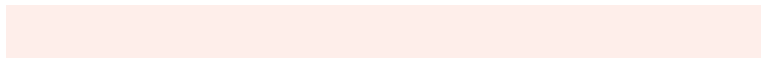
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3F4F8



EBF1FD



FEDEEA



F6F0E5



# Sweetspot

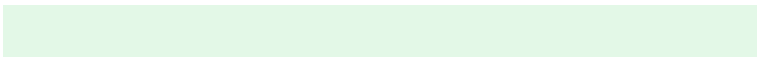
The Sweet Spot groups the original color and five complimentary colors.



E3F4F8



F7FEFF



E3F8E7



7A7F80



000000

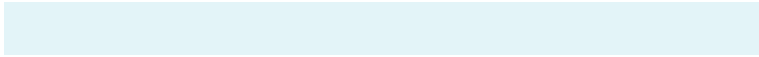


808080

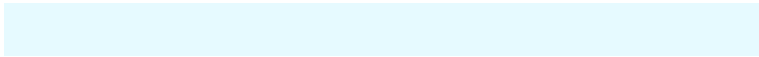


# Same Dimension

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



E3F4F8



E6FAFF



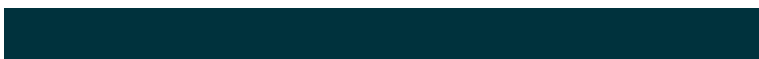
E3EAF8



707B7D



0099BD



00323D



# Inverse Universe

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



F8E3F4



FFE6FA



F8F1E3



7D707B



BD0099

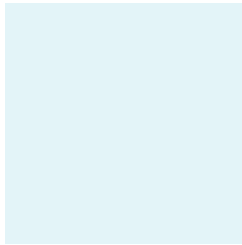


3D0032



# Previews

## White Background



This preview shows how the Hex color E3F4F8 looks on a white background.

## Color Contrast Check

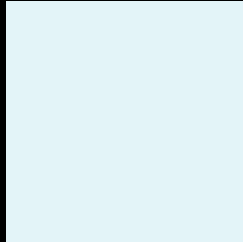
Large Text (above 18pt) WCAG AA × Fail

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 E3F4F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

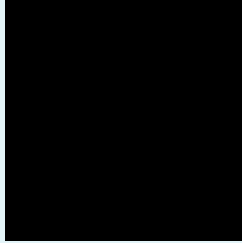
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

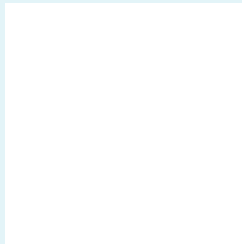
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3F4F8 Background



This preview shows how black text looks on a background with the Hex color E3F4F8.

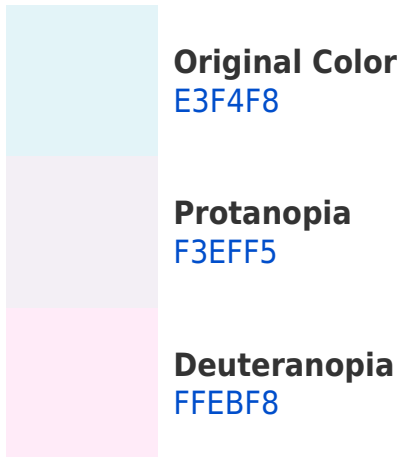


This preview shows how white text looks on a background with the Hex color E3F4F8.

# 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





**Tritanopia**  
E9F2FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3F4F8 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 #E3F4F8 looks like.

```
.text, #text, p{  
    color:#E3F4F8  
}
```

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 #E3F4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F4F8
}
```

## Border

The CSS property to change the border of an element to Hex E3F4F8 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
#E3F4F8 }
```

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

```
.border{ border-color:#E3F4F8 }
```

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

Here you see how a box with a 4 pixel #E3F4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F4F8; -webkit-box-shadow:4px 4px  
4px 4px #E3F4F8; box-shadow:4px 4px 4px  
4px #E3F4F8 }
```

# Background

The CSS property to change the background color of an element to Hex E3F4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F4F8 }
```

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

```
.background{ background-color:#E3F4F8 }
```

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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