

# Converting Colors

Hex(E7F5F8)

Have a look what the booklet for  
Hex(E7F5F8) contains.

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# **Color**

**Hex(E7F5F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7F5F8
RGB	231, 245, 248
RGB Percent	91%, 96%, 97%
CMY	0.0941, 0.0392, 0.0275
CMYK	0.07, 0.01, 0.00, 0.03
HSL	191°, 55%, 94%
HSV	191°, 7%, 97%
XYZ	82.5507, 89.0711, 101.6485
YIQ	241.1560, -9.3070, -2.0350

# Conversions

## Conversions Part 2

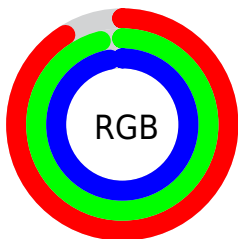
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 239, 248
Decimal	15201784
CIE Lab	95.61, -4.03, -3.04
CIE LCh	96, 5.045, 217.020
Yxy	89.0711, 0.3021, 0.3259
Android (android.graphics.Color)	4293391864 (0xFFE7F5F8)
YUV	241.1560, 3.3741, -8.9068
Hunter-Lab	94.3775, -9.0290, 2.2064

# Details

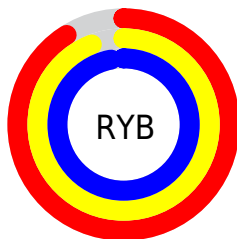
The Hex color **E7F5F8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F8EAE7**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFFF**, and **AFBDC0** is the 20% darker color. If you saturate the color by 10%, you get **CEF1F8**, and if you desaturate by 10%, it is **FFF9F8**.

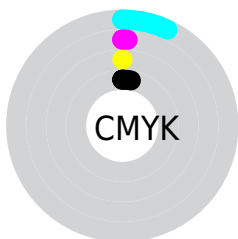
# Distribution



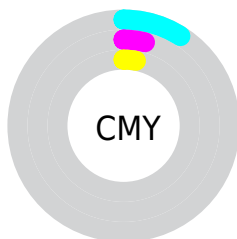
- Red (91%)
- Green (96%)
- Blue (97%)



- Red (91%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7F5F8 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 E7F5F8 by changing the saturation by 10% instead.



 E7F5F8

FFFFFF

 E7F5F8

 CBD9DB

 AFBDC0

 95A2A5

 7B888A

 626E71

 4A5658

 333F41

 1E292B

 061517

 E7F5F8

 E7F5F8

 CEF1F8

 FFF9F8

 B5ECF8

 FFFE8F8

 9DE8F8

 FFFFF8

 84E3F8

 6BDFF8

 52DBF8

 39D6F8

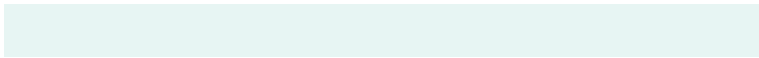
 21D2F8

 08CEF8

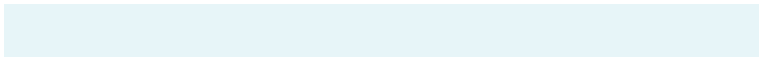
# Harmonies

## Analogous

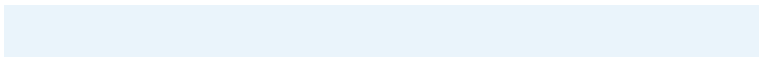
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7F5F3



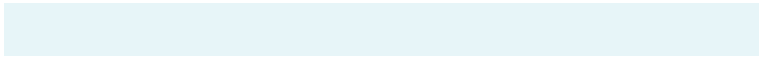
E7F5F8



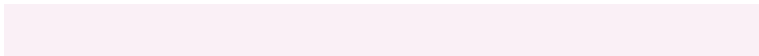
EAF4FB

# Triad

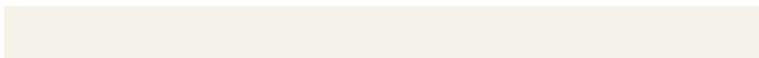
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7F5F8



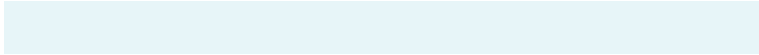
FAF0F6



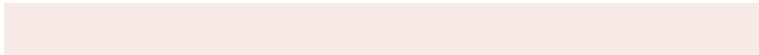
F5F2E9

# Complementary

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



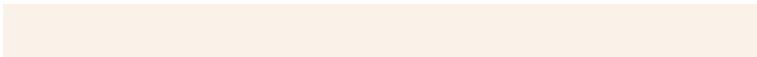
E7F5F8



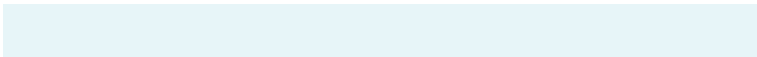
F8EAE7

# Split Complementary

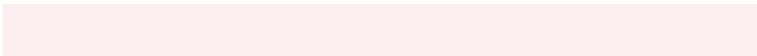
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAF1E9



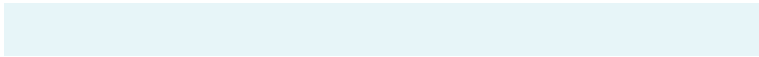
E7F5F8



FDEFF1

# Square

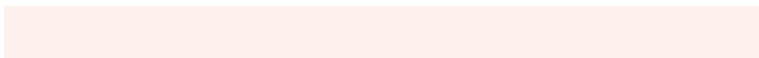
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7F5F8



F5F1FA



FDF0ED



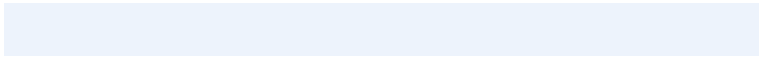
F0F4EA

# Rectangle

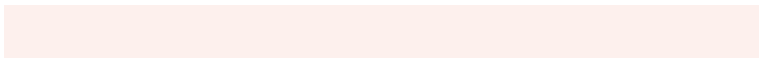
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7F5F8



EDF3FC



FDF0ED



F7F2E9



# Sweetspot

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



E7F5F8



FAFEFF



E7F8EA



7D7F80



000000

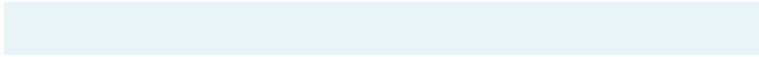


808080

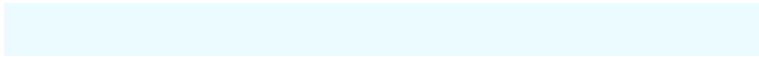


# Same Dimension

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



E7F5F8



EBFBFF



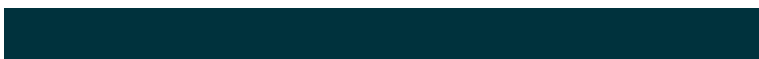
E7EDF8



707B7D



009BBD



00323D



# Inverse Universe

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



F8E7F5



FFE7FB



F8F2E7



7D707B



BD009B

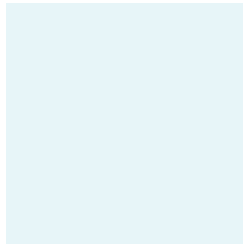


3D0032



# Previews

## White Background



This preview shows how the Hex color E7F5F8 looks on a white background.

## Color Contrast Check

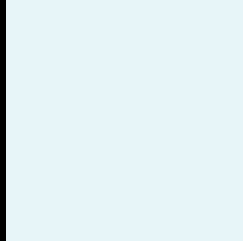
Large Text (above 18pt) WCAG AA × Fail

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 E7F5F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

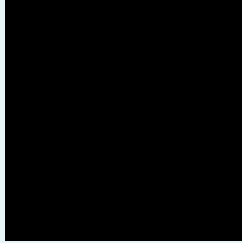
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

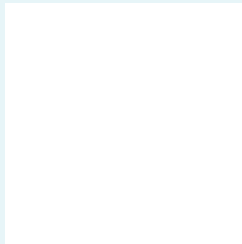
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7F5F8 Background



This preview shows how black text looks on a background with the Hex color E7F5F8.

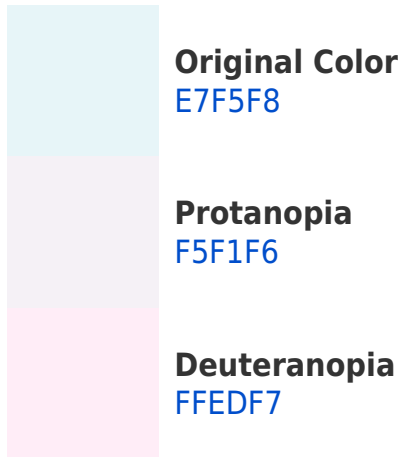


This preview shows how white text looks on a background with the Hex color E7F5F8.

# 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](#).

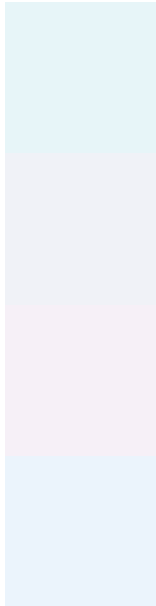
## Dichromacy





**Tritanopia**  
EDF3FF

# Trichromacy



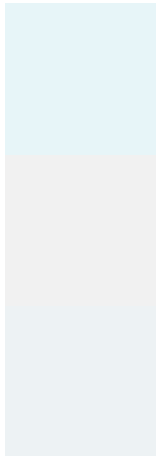
**Original Color**  
E7F5F8

**Protanomaly**  
F0F2F7

**Deuteranomaly**  
F6F0F7

**Tritanomaly**  
EBF4FC

# Monochromacy



**Original Color**  
E7F5F8

**Achromatopsia**  
F1F1F1

**Achromatomaly**  
EDF2F4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7F5F8 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 #E7F5F8 looks like.

```
.text, #text, p{  
    color:#E7F5F8  
}
```

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 #E7F5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F5F8 }
}
```

## Border

The CSS property to change the border of an element to Hex E7F5F8 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 #E7F5F8 }
}
```

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

```
.border{ border-color:#E7F5F8 }
```

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

Here you see how a box with a 4 pixel #E7F5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F5F8; -webkit-box-shadow:4px 4px  
4px 4px #E7F5F8; box-shadow:4px 4px 4px  
4px #E7F5F8 }
```

# Background

The CSS property to change the background color of an element to Hex E7F5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F5F8 }
```

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

```
.background{ background-color:#E7F5F8 }
```

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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