

# Converting Colors

Hex(ECF4FA)

Have a look what the booklet for  
Hex(ECF4FA) contains.

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# **Color**

**Hex(ECF4FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF4FA
RGB	236, 244, 250
RGB Percent	93%, 96%, 98%
CMY	0.0745, 0.0431, 0.0196
CMYK	0.06, 0.02, 0.00, 0.02
HSL	206°, 58%, 95%
HSV	206°, 6%, 98%
XYZ	84.1981, 89.4364, 103.2677
YIQ	242.2920, -6.6940, 0.1700

# Conversions

## Conversions Part 2

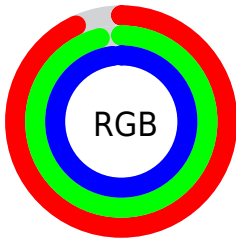
Format	Color
R <sub>Y</sub> B	236, 241, 250
Decimal	15529210
CIE Lab	95.76, -1.53, -3.81
CIE LCh	96, 4.104, 248.078
Yxy	89.4364, 0.3041, 0.3230
Android (android.graphics.Color)	4293719290 (0xFFE <sup>C</sup> F4FA)
YUV	242.2920, 3.8000, -5.5181
Hunter-Lab	94.5708, -6.5772, 1.4571

# Details

The Hex color `ECF4FA` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FAF2EC`, and the grayscale version is `F2F2F2`.

A 20% lighter version of the original color is `FFFFFF`, and `B4BCC2` is the 20% darker color. If you saturate the color by 10%, you get `D3E9FA`, and if you desaturate by 10%, it is `FFFFFFA`.

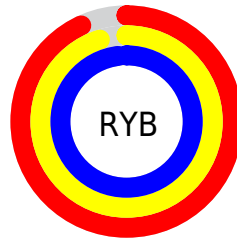
# Distribution



Red (93%)

Green (96%)

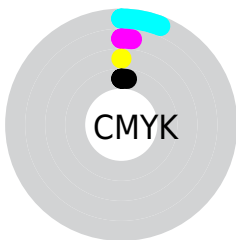
Blue (98%)



Red (93%)

Yellow (95%)

Blue (98%)

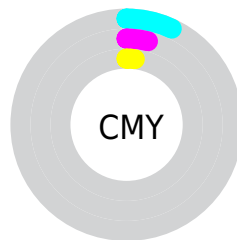


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (7%)

Magenta (4%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECF4FA 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 ECF4FA by changing the saturation by 10% instead.



 ECF4FA

FFFFFF

 ECF4FA

 D0D8DD

 B4BCC2

 99A1A6

 7F878C

 666D73

 4E555A

 373E43

 22282D

 0C1418

 ECF4FA

 ECF4FA

 D3E9FA

 FFFFFA

 BADFFA

 A1D4FA

 88C9FA

 6FBEFA

 56B4FA

 3DA9FA

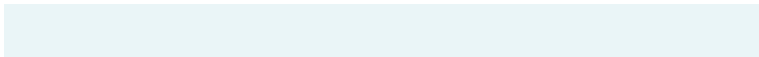
 249EFA

 0B94FA

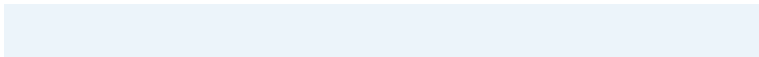
# Harmonies

## Analogous

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



EAF5F7



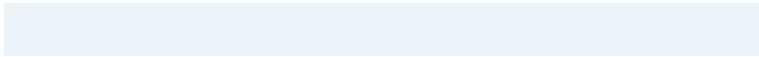
ECF4FA



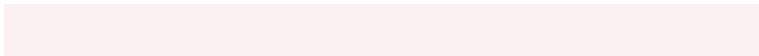
F0F3FB

# Triad

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



ECF4FA



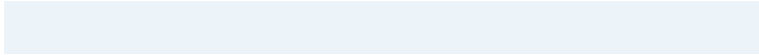
FBF0F2



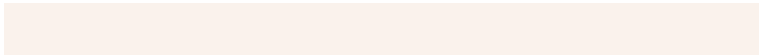
F0F4EC

# Complementary

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



ECF4FA



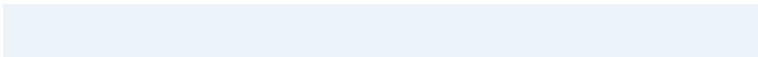
FAF2EC

# Split Complementary

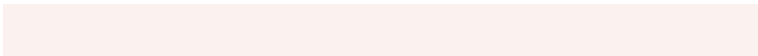
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F5F3EB



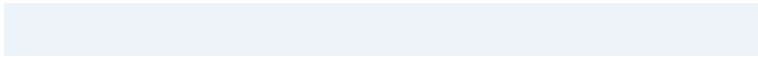
ECF4FA



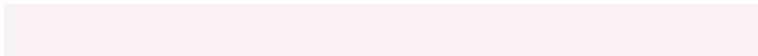
FBF1EE

# Square

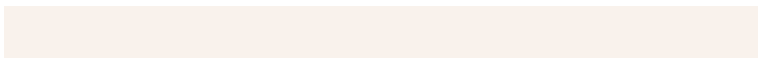
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



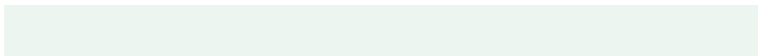
ECF4FA



F9F1F6



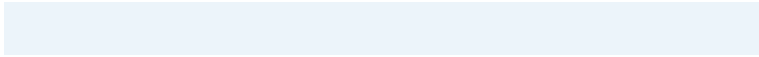
F9F2EC



ECF5F0

# Rectangle

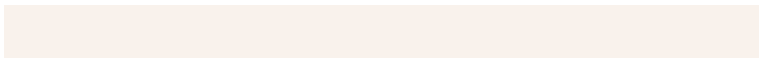
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECF4FA



F3F2FA



F9F2EC

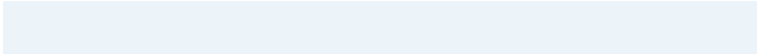


F2F4EC



# Sweetspot

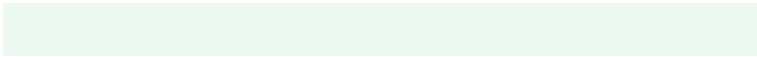
The Sweet Spot groups the original color and five complimentary colors.



ECF4FA



FAFDFF



ECFAF2



7D7E80



000000

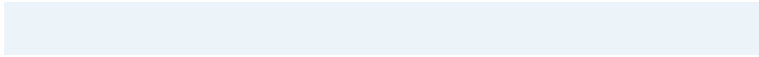


808080

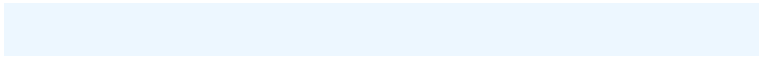


# Same Dimension

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



ECF4FA



EDF7FF



ECEDFA



73797D



006CBD



00233D



# Inverse Universe

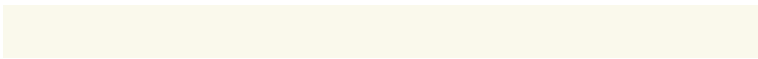
The Inverse Universe completely reimagines the original color for something new.



FAECF4



FFEDF7



FAF9EC



7D7379



BD006C

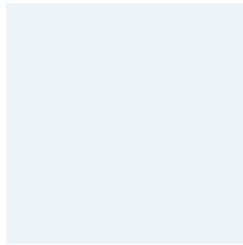


3D0023



# Previews

## White Background



This preview shows how the Hex color ECF4FA looks on a white background.

## Color Contrast Check

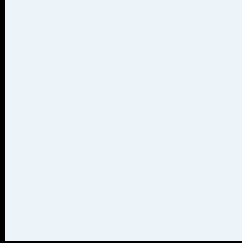
Large Text (above 18pt) WCAG AA × Fail

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 ECF4FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

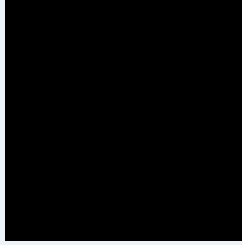
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

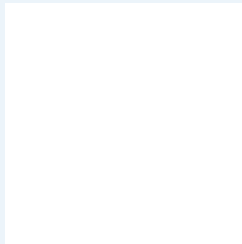
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECF4FA Background



This preview shows how black text looks on a background with the Hex color ECF4FA.

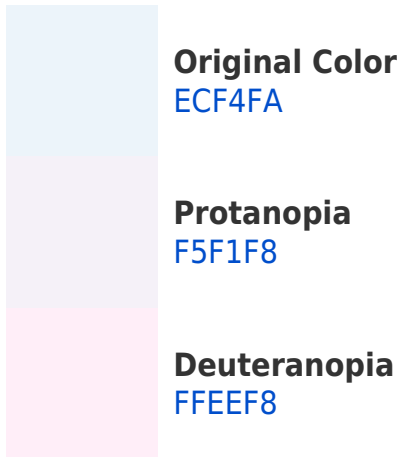


This preview shows how white text looks on a background with the Hex color ECF4FA.

# 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](#).

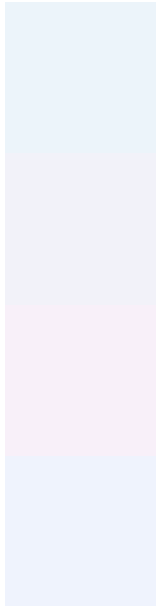
## Dichromacy





**Tritanopia**  
F0F2FF

# Trichromacy



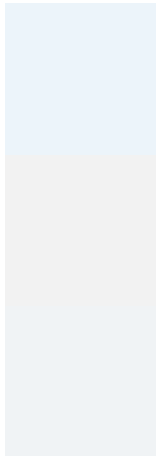
**Original Color**  
ECF4FA

**Protanomaly**  
F2F2F9

**Deuteranomaly**  
F8F0F9

**Tritanomaly**  
EFF3FD

# Monochromacy



**Original Color**  
ECF4FA

**Achromatopsia**  
F2F2F2

**Achromatomaly**  
F0F3F5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECF4FA 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 #ECF4FA looks like.

```
.text, #text, p{  
    color:#ECF4FA  
}
```

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 #ECF4FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECF4FA
}
```

## Border

The CSS property to change the border of an element to Hex ECF4FA 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
#ECF4FA }
```

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

```
.border{ border-color:#ECF4FA }
```

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

Here you see how a box with a 4 pixel #ECF4FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECF4FA; -webkit-box-shadow:4px 4px  
4px 4px #ECF4FA; box-shadow:4px 4px 4px  
4px #ECF4FA }
```

# Background

The CSS property to change the background color of an element to Hex ECF4FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECF4FA }
```

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

```
.background{ background-color:#ECF4FA }
```

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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