

# Converting Colors

Hex(EAFF8)

Have a look what the booklet for  
Hex(EAFFF8) contains.

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# **Color**

**Hex(EAFF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAFFF8
RGB	234, 255, 248
RGB Percent	92%, 100%, 97%
CMY	0.0824, 0.0000, 0.0275
CMYK	0.08, 0.00, 0.03, 0.00
HSL	160°, 100%, 96%
HSV	160°, 8%, 100%
XYZ	86.6350, 95.7897, 102.7301
YIQ	247.9230, -10.2690, -6.6290

# Conversions

## Conversions Part 2

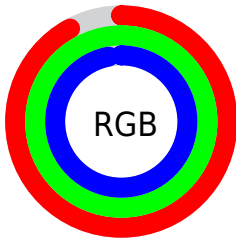
Format	Color
R <sub>Y</sub> B	234, 247, 255
Decimal	15400952
CIE Lab	98.35, -8.09, 0.99
CIE LCh	98, 8.151, 173.000
Yxy	95.7897, 0.3038, 0.3359
Android (android.graphics.Color)	4293591032 (0xFFEAF8)
YUV	247.9230, 0.0380, -12.2105
Hunter-Lab	97.8722, -13.2710, 6.2777

# Details

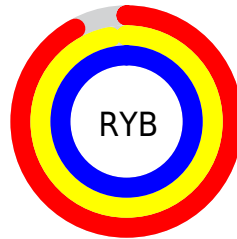
The Hex color **EAFF8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F8F8F8**, and the grayscale version is **F8F8F8**.

A 20% lighter version of the original color is **FFFFFF**, and **B2C6C0** is the 20% darker color. If you saturate the color by 10%, you get **D1FFF0**, and if you desaturate by 10%, it is **FFFFFF**.

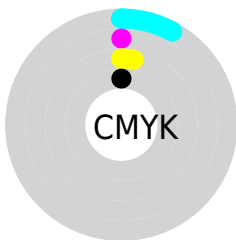
# Distribution



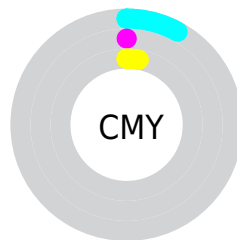
- Red (92%)
- Green (100%)
- Blue (97%)



- Red (92%)
- Yellow (97%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color EAFFF8 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 EAFFF8 by changing the saturation by 10% instead.



 EAFFF8

FFFFFF

 EAFFF8

 CEE2DB

 B2C6C0

 97ABA5

 7D908A

 647771

 4C5E58

 354641

 20302B

 0A1B17

 EAFFF8

 EAFFF8

 D1FFF0

FFFFFF

 B7FFE7

 9DFFDE

 84FFD6

 6AFFCD

 51FFC5

 38FFBC

 1Effb4

 05FFAB

# Harmonies

## Analogous

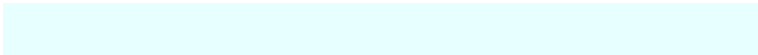
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1FEF1



EAFFF8



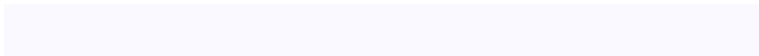
E7FFFF

# Triad

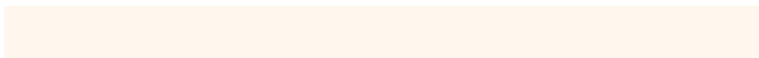
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EAFF8



FAF9FF



FFF7EE

# Complementary

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



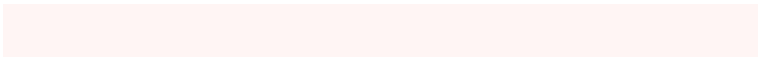
EAFFF8



FFEAF1

# 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.



FFF5F4



EAFF8



FFF7FF

# Square

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



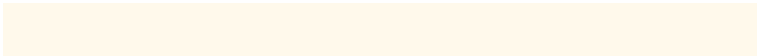
EAFFF8



F0FBFF



FFF5FC



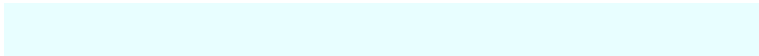
FFF9EB

# Rectangle

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



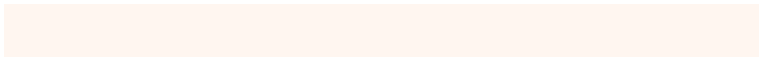
EAFFF8



E8FEFF



FFF5FC



FFF6F0



# Sweetspot

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



EAFFF8



FAFFFD



F1FFEA



7D807F



000000



808080



# Same Dimension

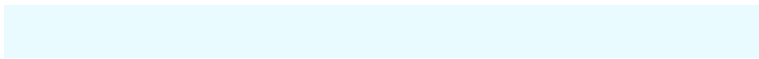
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EAFFF8



E6FFF7



EAFBFF



73807B



00BF7F



00402A



# Inverse Universe

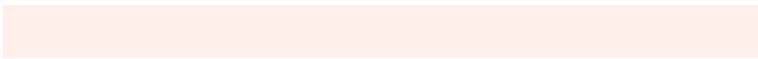
The Inverse Universe completely reimagines the original color for something new.



FFEAF1



FFE6EE



FFEEEA



807377



BF0040

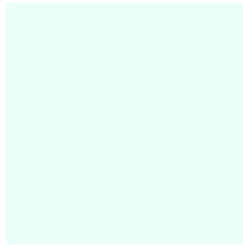


400015



# Previews

## White Background



This preview shows how the Hex color EAFFF8 looks on a white background.

## Color Contrast Check

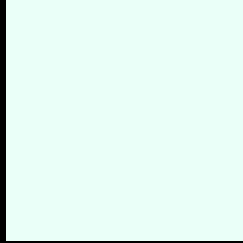
Large Text (above 18pt) WCAG AA × Fail

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 EAFFF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

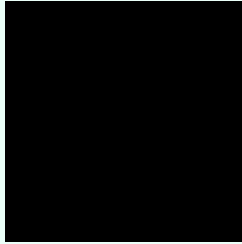
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

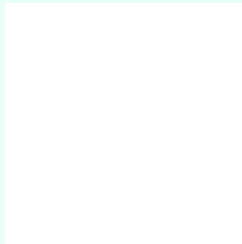
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAFF8 Background



This preview shows how black text looks on a background with the Hex color EAFF8.

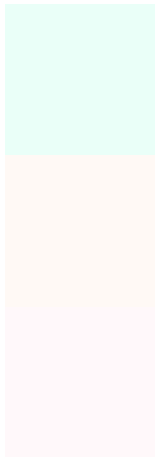


This preview shows how white text looks on a background with the Hex color EAFF8.

# 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



**Original Color**  
EAFFF8

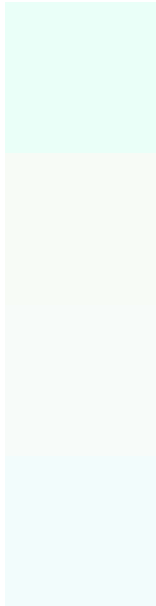
**Protanopia**  
FFF9F5

**Deuteranopia**  
FFF8FA



**Tritanopia**  
F7FAFF

# Trichromacy



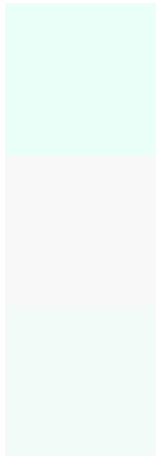
**Original Color**  
EAFF8

**Protanomaly**  
F7BF6

**Deuteranomaly**  
F7BF9

**Tritanomaly**  
F2FCFC

# Monochromacy



**Original Color**  
EAFF8

**Achromatopsia**  
F8F8F8

**Achromatomaly**  
F3FBF8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAFFF8 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 #EAFFF8 looks like.

```
.text, #text, p{  
    color:#EAFFF8  
}
```

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 #EAFFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAFFF8 }  
}
```

## Border

The CSS property to change the border of an element to Hex EAFFF8 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  
#EAFFF8 }  
}
```

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

```
.border{ border-color:#EAFFF8 }
```

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

Here you see how a box with a 4 pixel #EAFFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAFFF8; -webkit-box-shadow:4px 4px  
4px 4px #EAFFF8; box-shadow:4px 4px 4px  
4px #EAFFF8 }
```

# Background

The CSS property to change the background color of an element to Hex EAFFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAFFF8 }
```

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

```
.background{ background-color:#EAFFF8 }
```

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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