

# Converting Colors

Hex(6ECFEB)

Have a look what the booklet for  
Hex(6ECFEB) contains.

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# **Color**

**Hex(6ECFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ECFEB
RGB	110, 207, 235
RGB Percent	43%, 81%, 92%
CMY	0.5686, 0.1882, 0.0784
CMYK	0.53, 0.12, 0.00, 0.08
HSL	193°, 76%, 68%
HSV	193°, 53%, 92%
XYZ	43.7386, 53.9388, 86.7032
YIQ	181.1890, -66.8000, -11.8560

# Conversions

## Conversions Part 2

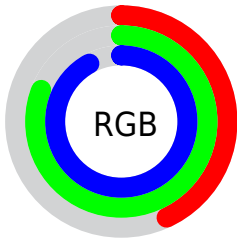
Format	Color
R <sub>Y</sub> B	110, 165, 235
Decimal	7262187
CIE Lab	78.43, -20.99, -22.57
CIE LCh	78, 30.822, 227.086
Yxy	53.9388, 0.2372, 0.2925
Android (android.graphics.Color)	4285452267 (0xFF6ECFEB)
YUV	181.1890, 26.5288, -62.4328
Hunter-Lab	73.4430, -22.2206, -18.5847

# Details

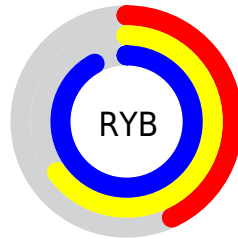
The Hex color **6ECFEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB8A6E**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A9FFFF**, and **2C99B3** is the 20% darker color. If you saturate the color by 10%, you get **57CAEB**, and if you desaturate by 10%, it is **86D4EB**.

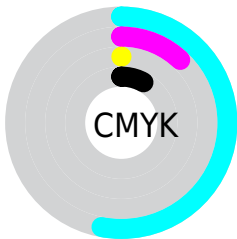
# Distribution



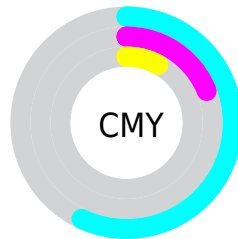
- Red (43%)
- Green (81%)
- Blue (92%)



- Red (43%)
- Yellow (65%)
- Blue (92%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (57%)
- Magenta (19%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ECFEB 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 6ECFEB by changing the saturation by 10% instead.



 6ECFEB

 6ECFEB

FFFFFF

 4FB3CF

 A9FFFF

 2C99B3

 C7FFFF

 007E98


 E5FFFF

 00657E

 004D65

 00364D

 002136

 000221

 000006

6ECFEB

6ECFEB

57CAEB

86D4EB

3FC4EB

9DDAEB

28BFEB

B5DFEB

10BAEB

CCE4EB

00B6EB

E3E9EB

FBEFEB

FFF4EB

FFF9EB

FFFEEB

# Harmonies

## Analogous

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



6DD2D2



6ECFEB



8CC8F9

# Triad

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



6ECFEB



F3AED0



C6C58B

# Complementary

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



6ECFEB



EB8A6E

# 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.



E2BC8B



6ECFEB



FCADB3

# Square

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



6ECFEB



DAB5E9



F5B399



A5CD9A

# Rectangle

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



6ECFEB



A7C2FA



F5B399



D0C289

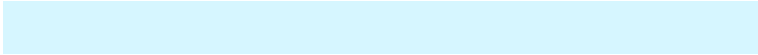


# Sweetspot

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



6ECFEB



D6F6FF



6EEB89



677A80



000000



808080



# Same Dimension

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



6ECFEB



5CDAFF



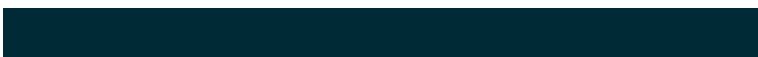
6E91EB



6A7375



008CB5



002A36



# Inverse Universe

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



EB6ECF



FF5CDA



EBC86E



756A73



B5008C

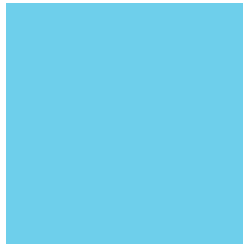


36002A



# Previews

## White Background



This preview shows how the Hex color 6ECFEB looks on a white background.

## Color Contrast Check

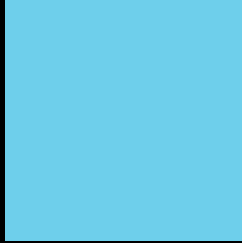
Large Text (above 18pt) WCAG AA × Fail

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 6ECFEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

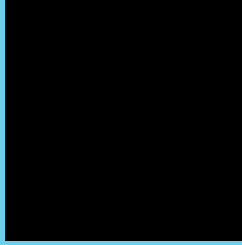
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6ECFEB Background



This preview shows how black text looks on a background with the Hex color 6ECFEB.

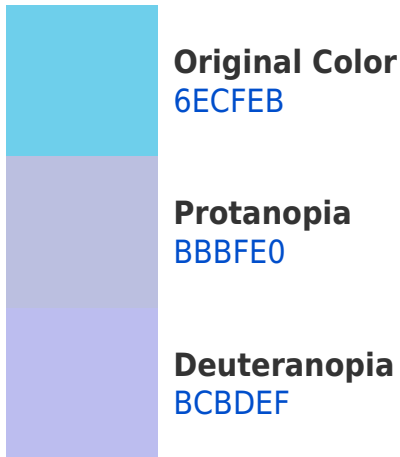


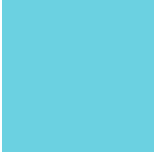
This preview shows how white text looks on a background with the Hex color 6ECFEB.

# 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](#).

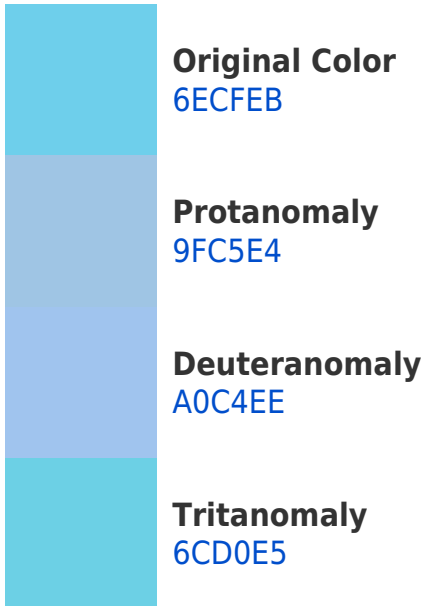
## Dichromacy



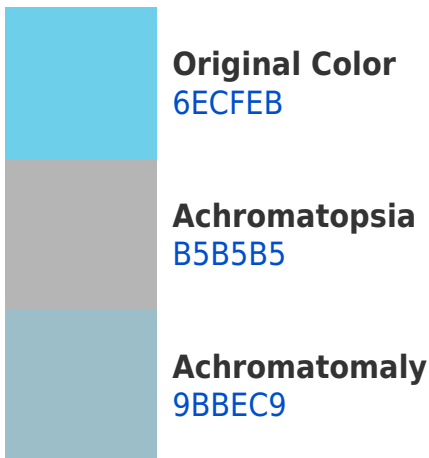


**Tritanopia**  
6BD1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ECFEB 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 #6ECFEB looks like.

```
.text, #text, p{  
    color:#6ECFEB  
}
```

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 #6ECFEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ECFEB
}
```

## Border

The CSS property to change the border of an element to Hex 6ECFEB 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
#6ECFEB }
```

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

```
.border{ border-color:#6ECFEB }
```

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

Here you see how a box with a 4 pixel #6ECFEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ECFEB; -webkit-box-shadow:4px 4px  
4px 4px #6ECFEB; box-shadow:4px 4px 4px  
4px #6ECFEB }
```

# Background

The CSS property to change the background color of an element to Hex 6ECFEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ECFEB }
```

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

```
.background{ background-color:#6ECFEB }
```

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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