

# Converting Colors

Hex(6ED1F8)

Have a look what the booklet for  
Hex(6ED1F8) contains.

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# **Color**

**Hex(6ED1F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ED1F8
RGB	110, 209, 248
RGB Percent	43%, 82%, 97%
CMY	0.5686, 0.1804, 0.0275
CMYK	0.56, 0.16, 0.00, 0.03
HSL	197°, 91%, 70%
HSV	197°, 56%, 97%
XYZ	46.1741, 55.6932, 97.1232
YIQ	183.8450, -71.5230, -8.8590

# Conversions

## Conversions Part 2

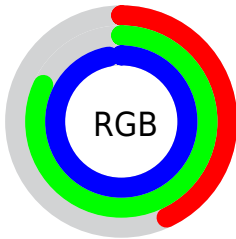
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 168, 248
Decimal	7262712
CIE Lab	79.44, -18.32, -27.97
CIE LCh	79, 33.437, 236.784
Yxy	55.6932, 0.2320, 0.2799
Android (android.graphics.Color)	4285452792 (0xFF6ED1F8)
YUV	183.8450, 31.6284, -64.7621
Hunter-Lab	74.6279, -20.1564, -24.9224

# Details

The Hex color **6ED1F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F8956E**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **AAFFFF**, and **289ABF** is the 20% darker color. If you saturate the color by 10%, you get **55CAF8**, and if you desaturate by 10%, it is **87D8F8**.

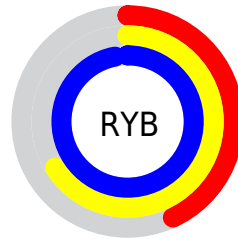
# Distribution



Red (43%)

Green (82%)

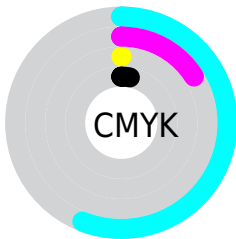
Blue (97%)



Red (43%)

Yellow (66%)

Blue (97%)

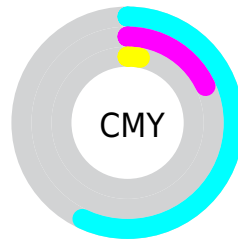


Cyan (56%)

Magenta (16%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (18%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ED1F8 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 6ED1F8 by changing the saturation by 10% instead.



 6ED1F8

 6ED1F8

FFFFFF

 4EB5DB

 AAFFFF

 289ABF

 C8FFFF

 0080A4

 E7FFFF

 00678A

 004F70

 003858

 002340

 00032A

 000114

■ 6ED1F8

■ 6ED1F8

■ 55CAF8

■ 87D8F8

■ 3CC3F8

■ A0DFF8

■ 24BCF8

■ B8E6F8

■ 0BB5F8

■ D1EDF8

■ 00B2F8

■ EAF4F8

■ FFFBF8

■ FFFFF8

# Harmonies

## Analogous

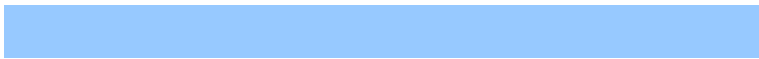
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61D5E0



6ED1F8



97C9FF

# Triad

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



6ED1F8



FFAEC9



BDCB8D

# Complementary

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



6ED1F8



F8956E

# 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.



DEC287



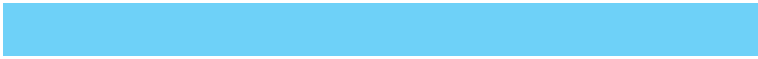
6ED1F8



FFAFAA

# Square

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



6ED1F8



E9B4E7



F7B792



99D2A2

# Rectangle

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



6ED1F8



B6C2FF



F7B792



C9C889



# Sweetspot

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



6ED1F8



D4F3FF



6EF893



667880



000000



808080



# Same Dimension

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



6ED1F8



54CFFF



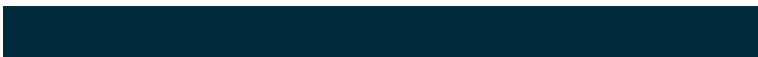
6E8EF8



70797D



0087BD



002C3D



# Inverse Universe

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



F86ED1



FF54CF



F8D86E



7D7079



BD0087

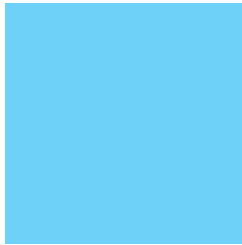


3D002C



# Previews

## White Background



This preview shows how the Hex color 6ED1F8 looks on a white background.

## Color Contrast Check

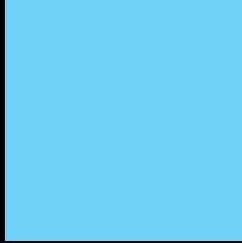
Large Text (above 18pt) WCAG AA × Fail

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 6ED1F8 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 6ED1F8 Background



This preview shows how black text looks on a background with the Hex color 6ED1F8.



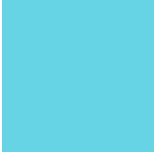
This preview shows how white text looks on a background with the Hex color 6ED1F8.

# 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](#).

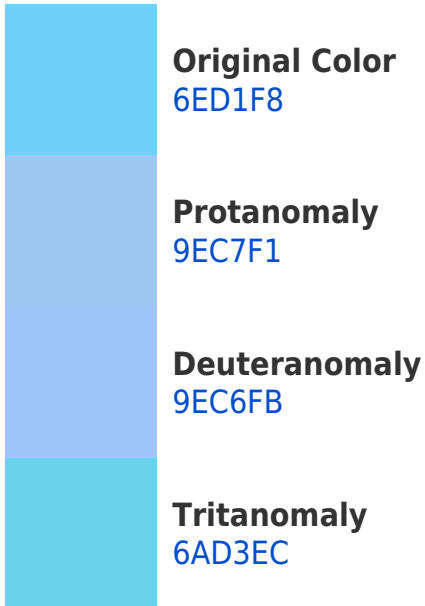
## Dichromacy



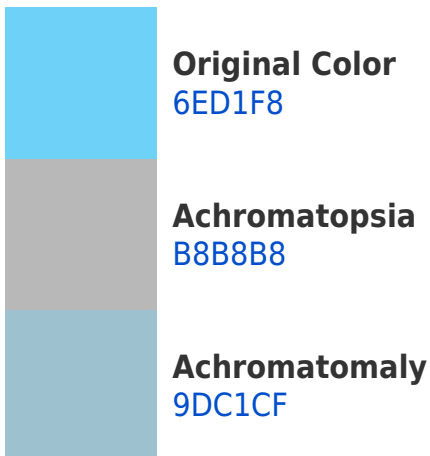


**Tritanopia**  
67D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ED1F8 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 #6ED1F8 looks like.

```
.text, #text, p{  
    color:#6ED1F8  
}
```

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 #6ED1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ED1F8  
}
```

## Border

The CSS property to change the border of an element to Hex 6ED1F8 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  
#6ED1F8 }
```

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

```
.border{ border-color:#6ED1F8 }
```

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

Here you see how a box with a 4 pixel #6ED1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ED1F8; -webkit-box-shadow:4px 4px  
4px 4px #6ED1F8; box-shadow:4px 4px 4px  
4px #6ED1F8 }
```

# Background

The CSS property to change the background color of an element to Hex 6ED1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ED1F8 }
```

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

```
.background{ background-color:#6ED1F8 }
```

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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