

# Converting Colors

Hex(5ED1F5)

Have a look what the booklet for  
Hex(5ED1F5) contains.

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# **Color**

**Hex(5ED1F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED1F5
RGB	94, 209, 245
RGB Percent	37%, 82%, 96%
CMY	0.6314, 0.1804, 0.0392
CMYK	0.62, 0.15, 0.00, 0.04
HSL	194°, 88%, 66%
HSV	194°, 62%, 96%
XYZ	43.8980, 54.5732, 94.6062
YIQ	178.7190, -80.0960, -13.1840

# Conversions

## Conversions Part 2

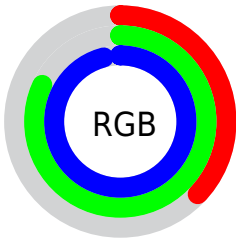
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 159, 245
Decimal	6214133
CIE <sub>Lab</sub>	78.79, -22.11, -27.41
CIE <sub>LCh</sub>	79, 35.212, 231.109
Yxy	54.5732, 0.2274, 0.2826
Android (android.graphics.Color)	4284404213 (0xFF5ED1F5)
YUV	178.7190, 32.6765, -74.2986
Hunter-Lab	73.8737, -23.2088, -24.2181

# Details

The Hex color **5ED1F5** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F5825E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9DFFFF**, and **009ABD** is the 20% darker color. If you saturate the color by 10%, you get **46CBF5**, and if you desaturate by 10%, it is **77D7F5**.

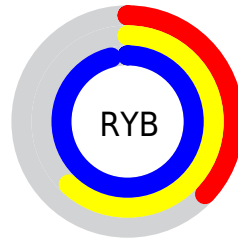
# Distribution



Red (37%)

Green (82%)

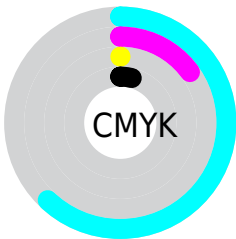
Blue (96%)



Red (37%)

Yellow (62%)

Blue (96%)

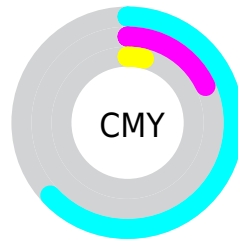


Cyan (62%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (18%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ED1F5 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 5ED1F5 by changing the saturation by 10% instead.



 5ED1F5

 5ED1F5

FFFFFF

 3AB5D8

 9DFFFF

 009ABD

 BBFFFF

 0080A2

 DAFFFF

 006787

 F9FFFF

 004F6E

 003855

 00233E

 000328

 000112

■ 5ED1F5

■ 5ED1F5

■ 46CBF5

■ 77D7F5

■ 2DC5F5

■ 8FDDF5

■ 15BFF5

■ A8E3F5

■ 00BBF5

■ C0E8F5

■ D9EEF5

■ F1F4F5

■ FFFAF5

■ FFFFF5

# Harmonies

## Analogous

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



58D5D9



5ED1F5



88C9FF

# Triad

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



5ED1F5



FDABCE



C2C885

# Complementary

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



5ED1F5



F5825E

# 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.



E3BE82



5ED1F5



FFABAD

# Square

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



5ED1F5



E3B3EC



FAB391



9CD099

# Rectangle

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



5ED1F5



AAC2FF



FAB391



CEC582



# Sweetspot

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



5ED1F5



D1F4FF



5EF581



637980



000000



808080



# Same Dimension

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



5ED1F5



42D2FF



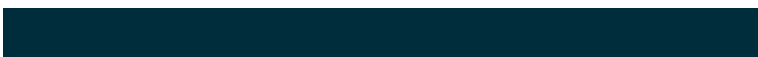
5E86F5



6E777A



008EBA



002D3B



# Inverse Universe

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



F55ED1



FF42D2



F5CD5E



7A6E77



BA008E

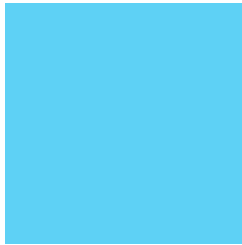


3B002D



# Previews

## White Background



This preview shows how the Hex color 5ED1F5 looks on a white background.

## Color Contrast Check

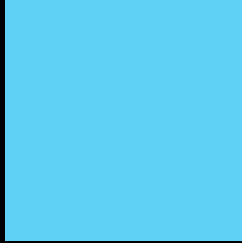
Large Text (above 18pt) WCAG AA × Fail

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 5ED1F5 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 5ED1F5 Background



This preview shows how black text looks on a background with the Hex color 5ED1F5.

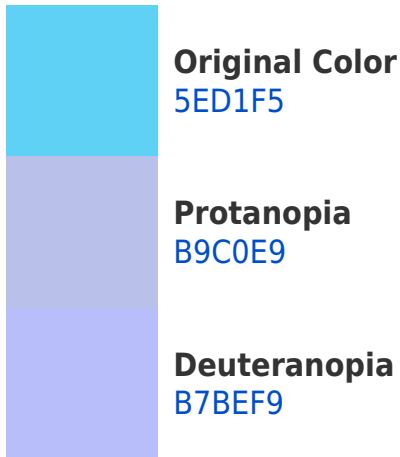


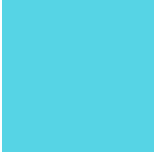
This preview shows how white text looks on a background with the Hex color 5ED1F5.

# 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](#).

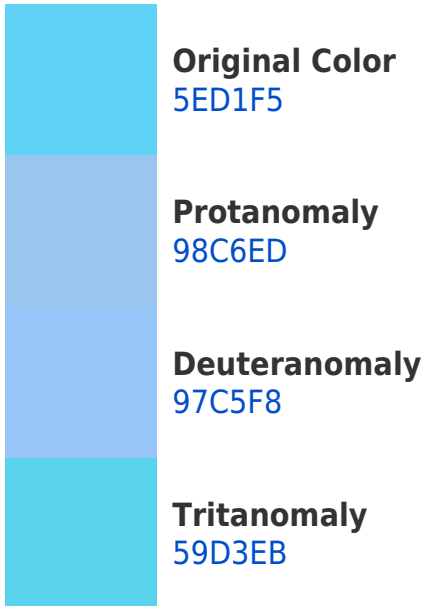
## Dichromacy



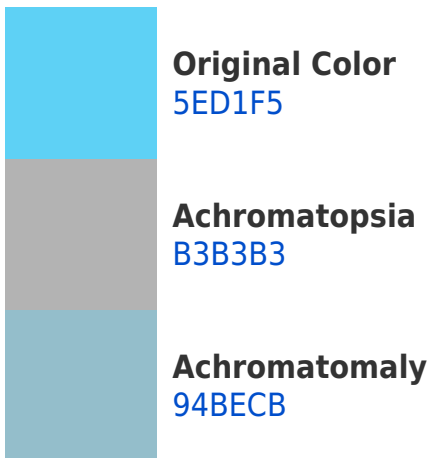


**Tritanopia**  
56D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ED1F5 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 #5ED1F5 looks like.

```
.text, #text, p{  
    color:#5ED1F5  
}
```

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 #5ED1F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED1F5
}
```

## Border

The CSS property to change the border of an element to Hex 5ED1F5 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
#5ED1F5 }
```

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

```
.border{ border-color:#5ED1F5 }
```

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

Here you see how a box with a 4 pixel #5ED1F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED1F5; -webkit-box-shadow:4px 4px  
4px 4px #5ED1F5; box-shadow:4px 4px 4px  
4px #5ED1F5 }
```

# Background

The CSS property to change the background color of an element to Hex 5ED1F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED1F5 }
```

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

```
.background{ background-color:#5ED1F5 }
```

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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