

# Converting Colors

Hex(8CB3E5)

Have a look what the booklet for  
Hex(8CB3E5) contains.

|  |    |
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# **Color**

**Hex(8CB3E5)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8CB3E5                     |
| RGB           | 140, 179, 229              |
| RGB Percent   | 55%, 70%, 90%              |
| CMY           | 0.4510, 0.2980, 0.1020     |
| CMYK          | 0.39, 0.22, 0.00, 0.10     |
| HSL           | 214°, 63%, 72%             |
| HSV           | 214°, 39%, 90%             |
| XYZ           | 41.0782, 43.4728, 80.3548  |
| YIQ           | 173.0390, -39.2940, 7.2820 |

# Conversions

## Conversions Part 2

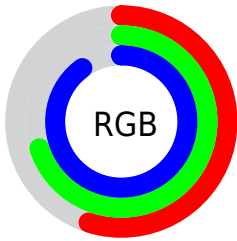
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 140, 167, 229                  |
| Decimal                             | 9221093                        |
| CIE <sub>Lab</sub>                  | 71.87, -0.74, -29.23           |
| CIE <sub>LCh</sub>                  | 72, 29.238, 268.552            |
| Yxy                                 | 43.4728, 0.2491,<br>0.2636     |
| Android<br>(android.graphics.Color) | 4287411173<br>(0xFF8CB3E5)     |
| YUV                                 | 173.0390, 27.5888,<br>-28.9752 |
| Hunter-Lab                          | 65.9339, -4.1752,<br>-26.1040  |

# Details

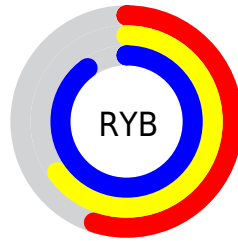
The Hex color **8CB3E5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5BE8C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C4EBFF**, and **567EAD** is the 20% darker color. If you saturate the color by 10%, you get **75A6E5**, and if you desaturate by 10%, it is **A3C0E5**.

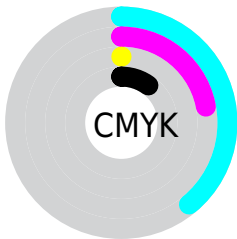
# Distribution



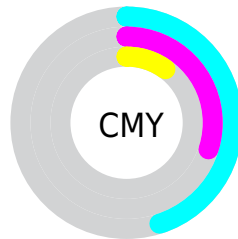
- Red (55%)
- Green (70%)
- Blue (90%)



- Red (55%)
- Yellow (65%)
- Blue (90%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (30%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CB3E5 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 8CB3E5 by changing the saturation by 10% instead.



■ 8CB3E5

■ 8CB3E5

FFFFFF

■ 7198C9

■ C4EBFF

■ 567EAD

■ E1FFFF

■ 3A6693

FEFFFF

■ 1C4E79

■ 003760

■ 002248

■ 000B31

■ 00011C

■ 000000

■ 8CB3E5

■ 8CB3E5

■ 75A6E5

■ A3C0E5

■ 5E99E5

■ BACDE5

■ 478CE5

■ D1DAE5

■ 3080E5

■ E8E6E5

■ 1A73E5

■ FFF3E5

■ 0366E5

■ FFFFE5

■ 0064E5

# Harmonies

## Analogous

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



69BADD



8CB3E5



B2AADF

# Triad

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



8CB3E5



E59E98



89BC94

# Complementary

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



8CB3E5



E5BE8C

# 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.



A8B681



8CB3E5



DAA584

# Square

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



8CB3E5



E39DB2



C4AE7B



6DBFAE

# Rectangle

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



8CB3E5



C8A4D4



C4AE7B



94BA8C



# Sweetspot

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



8CB3E5



E0EEFF



8CE5BD



6E7580



000000

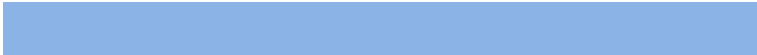


808080

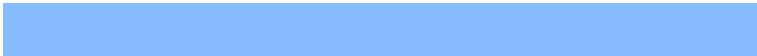


# Same Dimension

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



8CB3E5



87BCFF



908CE5



676C73



004EB3



001633



# Inverse Universe

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



E58CB3



FF87BC



E1E58C



73676C



B3004E

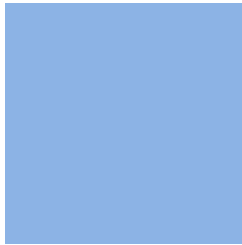


330016



# Previews

## White Background



This preview shows how the Hex color 8CB3E5 looks on a white background.

## Color Contrast Check

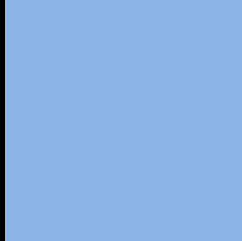
Large Text (above 18pt) WCAG AA × Fail

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 8CB3E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

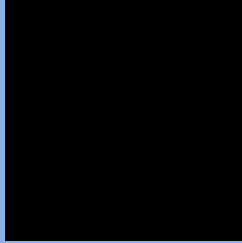
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

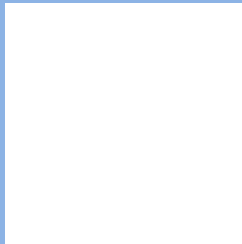
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CB3E5 Background



This preview shows how black text looks on a background with the Hex color 8CB3E5.

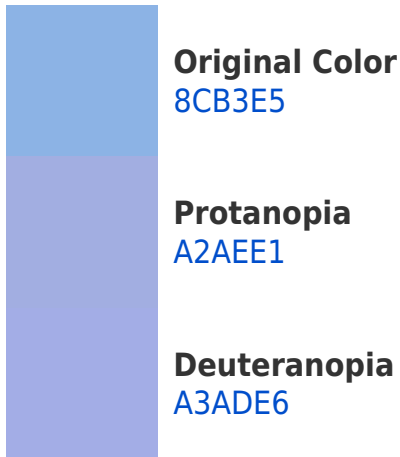


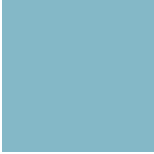
This preview shows how white text looks on a background with the Hex color 8CB3E5.

# 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](#).

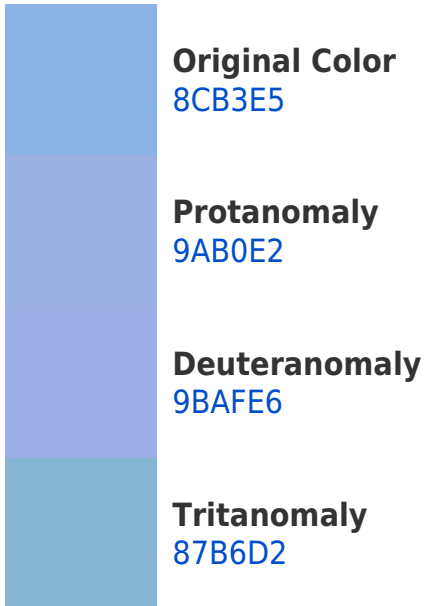
## Dichromacy



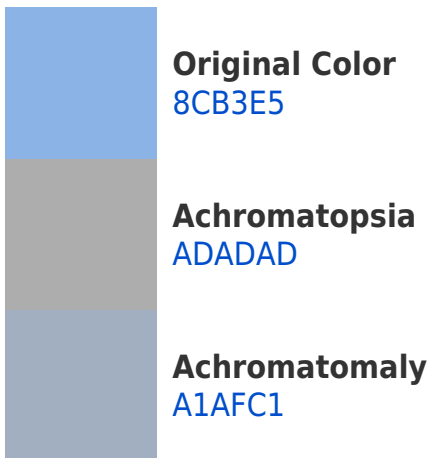


**Tritanopia**  
84B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CB3E5 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 #8CB3E5 looks like.

```
.text, #text, p{  
    color:#8CB3E5  
}
```

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 #8CB3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB3E5
}
```

## Border

The CSS property to change the border of an element to Hex 8CB3E5 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
#8CB3E5 }
```

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

```
.border{ border-color:#8CB3E5 }
```

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

Here you see how a box with a 4 pixel #8CB3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB3E5; -webkit-box-shadow:4px 4px  
4px 4px #8CB3E5; box-shadow:4px 4px 4px  
4px #8CB3E5 }
```

# Background

The CSS property to change the background color of an element to Hex 8CB3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB3E5 }
```

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

```
.background{ background-color:#8CB3E5 }
```

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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