

# Converting Colors

Hex(8CB2E4)

Have a look what the booklet for  
Hex(8CB2E4) contains.

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# **Color**

**Hex(8CB2E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CB2E4
RGB	140, 178, 228
RGB Percent	55%, 70%, 89%
CMY	0.4510, 0.3020, 0.1059
CMYK	0.39, 0.22, 0.00, 0.11
HSL	214°, 62%, 72%
HSV	214°, 39%, 89%
XYZ	40.7392, 43.0177, 79.5548
YIQ	172.3380, -38.6980, 7.4940

# Conversions

## Conversions Part 2

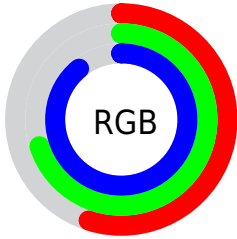
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">140, 167, 228</a>
Decimal	<a href="#">9220836</a>
CIELab	<a href="#">71.57, -0.46, -29.16</a>
CIELCh	<a href="#">72, 29.161, 269.105</a>
Yxy	<a href="#">43.0177, 0.2495, 0.2634</a>
Android (android.graphics.Color)	<a href="#">4287410916 (0xFF8CB2E4)</a>
YUV	<a href="#">172.3380, 27.4414, -28.3604</a>
Hunter-Lab	<a href="#">65.5879, -3.9054, -26.0043</a>

# Details

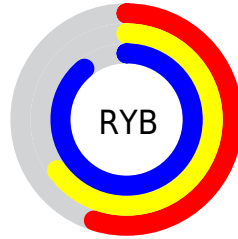
The Hex color **8CB2E4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4BE8C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C4EAFF**, and **567EAC** is the 20% darker color. If you saturate the color by 10%, you get **75A5E4**, and if you desaturate by 10%, it is **A3BFE4**.

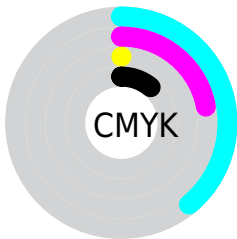
# Distribution



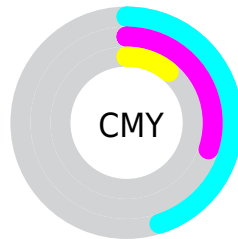
- Red (55%)
- Green (70%)
- Blue (89%)



- Red (55%)
- Yellow (65%)
- Blue (89%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (30%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CB2E4 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 8CB2E4 by changing the saturation by 10% instead.



 8CB2E4

 8CB2E4

FFFFFF

 7197C8

 C4EAFF

 567EAC

 E1FFFF

 3A6592

FEFFFF

 1C4D78

 00365F

 002147

 000A30

 00011B

 000000

■ 8CB2E4

■ 8CB2E4

■ 75A5E4

■ A3BFE4

■ 5E98E4

■ BACCE4

■ 488BE4

■ D0D9E4

■ 317EE4

■ E7E6E4

■ 1A71E4

■ FEF3E4

■ 0364E4

■ FFFFE4

■ 0062E4

# Harmonies

## Analogous

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



69B9DC



8CB2E4



B2A9DE

# Triad

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



8CB2E4



E49D97



88BB93

# Complementary

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



8CB2E4



E4BE8C

# 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.



A7B680



8CB2E4



D9A483

# Square

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



8CB2E4



E29CB1



C3AD7A



6BBEAE

# Rectangle

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



8CB2E4



C8A3D2



C3AD7A



92BA8C

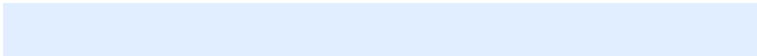


# Sweetspot

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



8CB2E4



E0EEFF



8CE4BE



6E7580



000000



808080

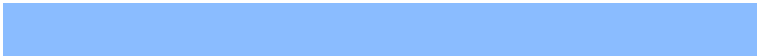


# Same Dimension

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



8CB2E4



8ABCFF



928CE4



676C73



004DB3



001633



# Inverse Universe

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



E48CB2



FF8ABC



DEE48C



73676C



B3004D

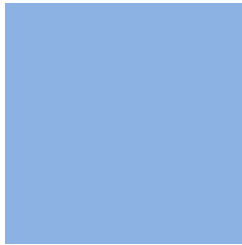


330016



# Previews

## White Background



This preview shows how the Hex color 8CB2E4 looks on a white background.

## Color Contrast Check

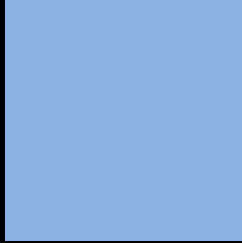
Large Text (above 18pt) WCAG AA × Fail

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 8CB2E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

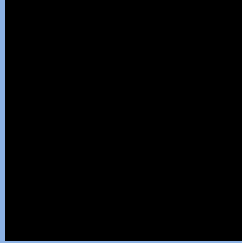
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

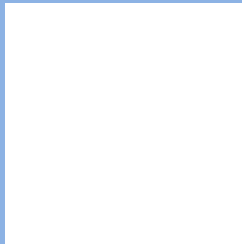
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CB2E4 Background



This preview shows how black text looks on a background with the Hex color 8CB2E4.

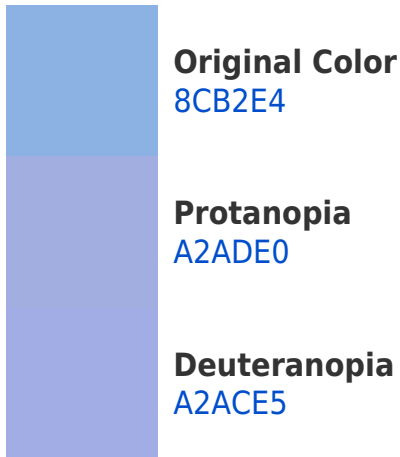


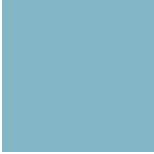
This preview shows how white text looks on a background with the Hex color 8CB2E4.

# 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](#).

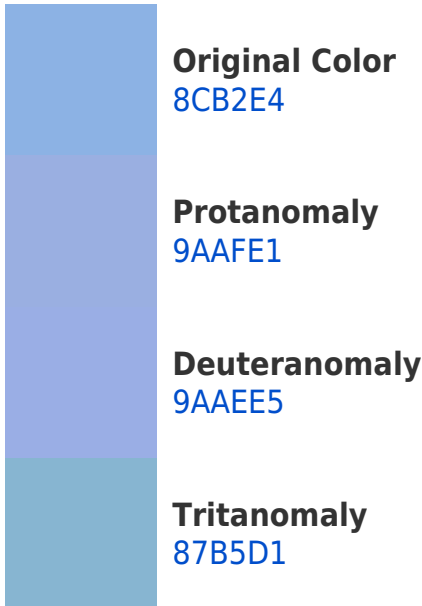
## Dichromacy



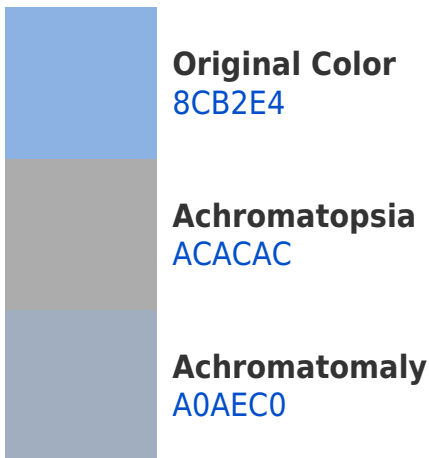


**Tritanopia**  
84B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CB2E4 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 #8CB2E4 looks like.

```
.text, #text, p{  
    color:#8CB2E4  
}
```

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 #8CB2E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB2E4
}
```

## Border

The CSS property to change the border of an element to Hex 8CB2E4 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
#8CB2E4 }
```

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

```
.border{ border-color:#8CB2E4 }
```

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

Here you see how a box with a 4 pixel #8CB2E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB2E4; -webkit-box-shadow:4px 4px  
4px 4px #8CB2E4; box-shadow:4px 4px 4px  
4px #8CB2E4 }
```

# Background

The CSS property to change the background color of an element to Hex 8CB2E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB2E4 }
```

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

```
.background{ background-color:#8CB2E4 }
```

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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