

# Converting Colors

Hex(8CB3D2)

Have a look what the booklet for  
Hex(8CB3D2) contains.

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# **Color**

**Hex(8CB3D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CB3D2
RGB	140, 179, 210
RGB Percent	55%, 70%, 82%
CMY	0.4510, 0.2980, 0.1765
CMYK	0.33, 0.15, 0.00, 0.18
HSL	207°, 44%, 69%
HSV	207°, 33%, 82%
XYZ	38.5682, 42.4688, 67.1373
YIQ	170.8730, -33.1950, 1.3730

# Conversions

## Conversions Part 2

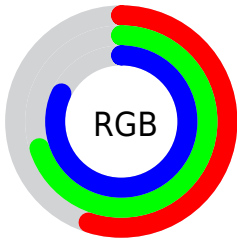
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 165, 210
Decimal	9221074
CIELab	71.19, -5.66, -19.90
CIELCh	71, 20.686, 254.113
Yxy	42.4688, 0.2603, 0.2866
Android (android.graphics.Color)	4287411154 (0xFF8CB3D2)
YUV	170.8730, 19.2896, -27.0756
Hunter-Lab	65.1681, -8.4032, -15.4639

# Details

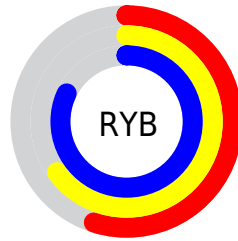
The Hex color **8CB3D2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D2AB8C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C3EBFF**, and **577E9B** is the 20% darker color. If you saturate the color by 10%, you get **77AAD2**, and if you desaturate by 10%, it is **A1BCD2**.

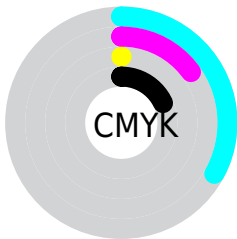
# Distribution



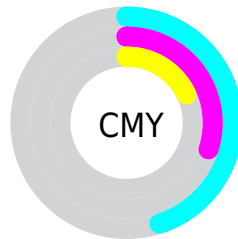
- Red (55%)
- Green (70%)
- Blue (82%)



- Red (55%)
- Yellow (65%)
- Blue (82%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (30%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CB3D2 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 8CB3D2 by changing the saturation by 10% instead.



■ 8CB3D2

■ 8CB3D2

FFFFFF

■ 7198B6

■ C3EBFF

■ 577E9B

■ E0FFFF

■ 3D6581

FDFFFF

■ 234E68

■ 013750

■ 002239

■ 000A23

■ 00000B

■ 000000

8CB3D2

8CB3D2

77AAD2

A1BCD2

62A0D2

B6C6D2

4D97D2

CBCFD2

388ED2

E0D8D2

2384D2

F5E2D2

0E7BD2

FFEBD2

0075D2

FFF4D2

FFFDD2

FFFFD2

# Harmonies

## Analogous

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



7CB7C8



8CB3D2



A4ADD3

# Triad

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



8CB3D2



D5A1A6



9EB593

# Complementary

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



8CB3D2



D2AB8C

# 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.



B3B08A



8CB3D2



D2A495

# Square

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



8CB3D2



CEA2B9



C6AA8A



8AB8A3

# Rectangle

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



8CB3D2



B5A9CD



C6AA8A



A5B48F

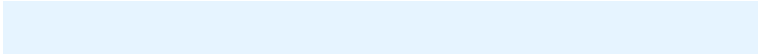


# Sweetspot

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



8CB3D2



E6F4FF



8CD2AA



707980



000000



808080

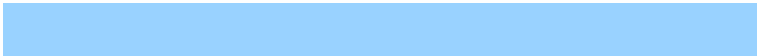


# Same Dimension

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



8CB3D2



99D2FF



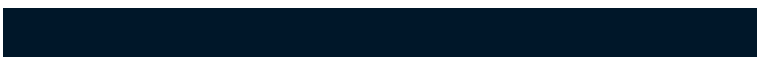
8C91D2



5E6469



005EA8



001729



# Inverse Universe

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



D28CB3



FF99D2



D2CD8C



695E64



A8005E

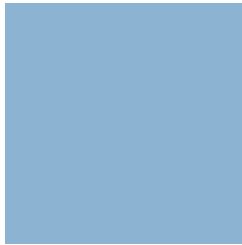


290017



# Previews

## White Background



This preview shows how the Hex color 8CB3D2 looks on a white background.

## Color Contrast Check

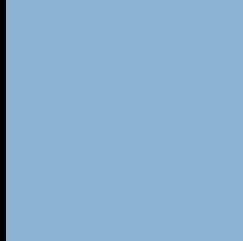
Large Text (above 18pt) WCAG AA × Fail

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 8CB3D2 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

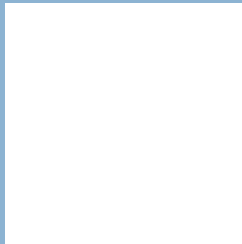
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CB3D2 Background



This preview shows how black text looks on a background with the Hex color 8CB3D2.

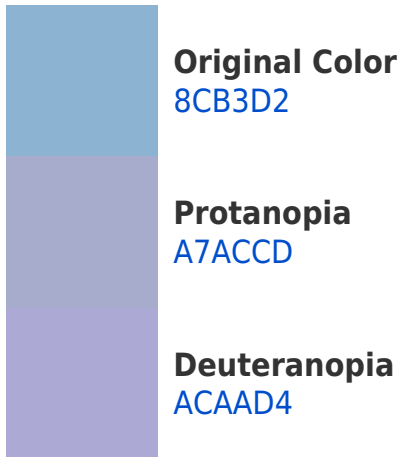


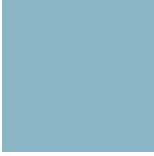
This preview shows how white text looks on a background with the Hex color 8CB3D2.

# 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](#).

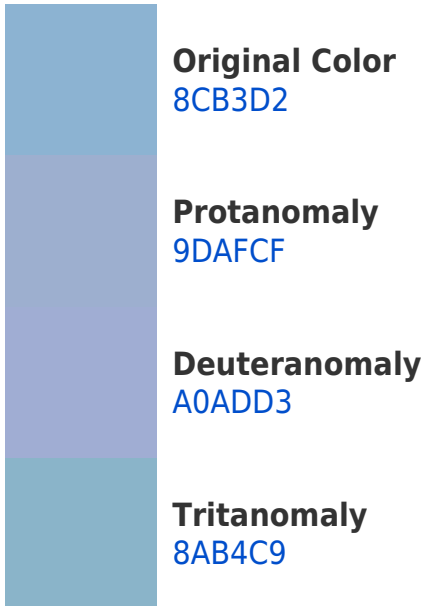
## Dichromacy



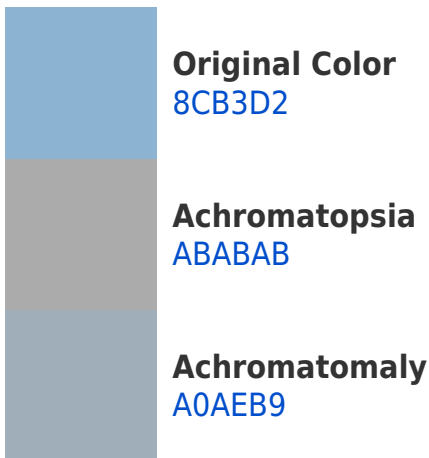


**Tritanopia**  
89B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CB3D2 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 #8CB3D2 looks like.

```
.text, #text, p{  
    color:#8CB3D2  
}
```

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 #8CB3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB3D2
}
```

## Border

The CSS property to change the border of an element to Hex 8CB3D2 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
#8CB3D2 }
```

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

```
.border{ border-color:#8CB3D2 }
```

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

Here you see how a box with a 4 pixel #8CB3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB3D2; -webkit-box-shadow:4px 4px  
4px 4px #8CB3D2; box-shadow:4px 4px 4px  
4px #8CB3D2 }
```

# Background

The CSS property to change the background color of an element to Hex 8CB3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB3D2 }
```

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

```
.background{ background-color:#8CB3D2 }
```

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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