

# Converting Colors

Hex(8DB8E0)

Have a look what the booklet for  
Hex(8DB8E0) contains.

<b>Hex(8DB8E0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8DB8E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DB8E0
RGB	141, 184, 224
RGB Percent	55%, 72%, 88%
CMY	0.4471, 0.2784, 0.1216
CMYK	0.37, 0.18, 0.00, 0.12
HSL	209°, 57%, 72%
HSV	209°, 37%, 88%
XYZ	41.5795, 45.3255, 77.0782
YIQ	175.7030, -38.4680, 3.3240

# Conversions

## Conversions Part 2

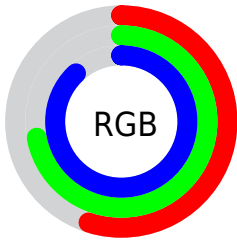
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 169, 224
Decimal	9287904
CIE <sub>Lab</sub>	73.11, -4.51, -24.62
CIE <sub>LCh</sub>	73, 25.026, 259.610
Yxy	45.3255, 0.2536, 0.2764
Android (android.graphics.Color)	4287477984 (0xFF8DB8E0)
YUV	175.7030, 23.8104, -30.4345
Hunter-Lab	67.3242, -7.5755, -20.7530

# Details

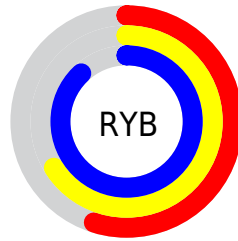
The Hex color **8DB8E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0B58D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C5F0FF**, and **5783A9** is the 20% darker color. If you saturate the color by 10%, you get **77ADE0**, and if you desaturate by 10%, it is **A3C3E0**.

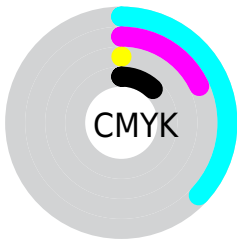
# Distribution



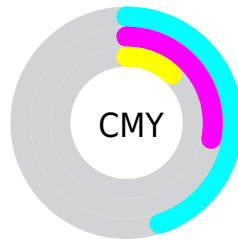
- Red (55%)
- Green (72%)
- Blue (88%)



- Red (55%)
- Yellow (66%)
- Blue (88%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (28%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DB8E0 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 8DB8E0 by changing the saturation by 10% instead.



■ 8DB8E0

■ 8DB8E0

FFFFFF

■ 729DC4

■ C5F0FF

■ 5783A9

■ E2FFFF

■ 3C6A8E

■ 1F5274

■ 003B5C

■ 002644

■ 00112E

■ 000118

■ 000000

8DB8E0

8DB8E0

77ADE0

A3C3E0

60A2E0

BACEE0

4A98E0

D0D8E0

338DE0

E7E3E0

1D82E0

FDEEE0

0777E0

FFF9E0

0074E0

FFFFE0

# Harmonies

## Analogous

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



76BED6



8DB8E0



ADB0DE

# Triad

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



8DB8E0



E3A3A5



9BBD95

# Complementary

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



8DB8E0



E0B58D

# 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.



B5B788



8DB8E0



DCA891

# Square

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



8DB8E0



DCA4BC



CCAF87



82C0AA

# Rectangle

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



8DB8E0



C0ABD7



CCAF87



A3BB90

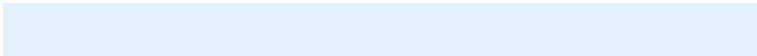


# Sweetspot

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



8DB8E0



E3F1FF



8DE0B4



6F7880



000000



808080

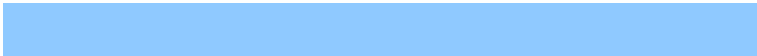


# Same Dimension

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



8DB8E0



8FC9FF



8D90E0



656B70



005BB0



001930



# Inverse Universe

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



E08DB8



FF8FC9



E0DD8D



70656B



B0005B

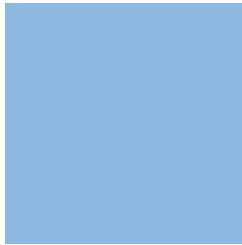


300019



# Previews

## White Background



This preview shows how the Hex color 8DB8E0 looks on a white background.

## Color Contrast Check

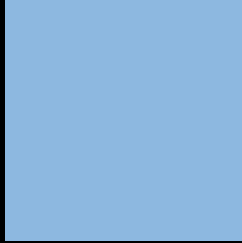
Large Text (above 18pt) WCAG AA × Fail

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 8DB8E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

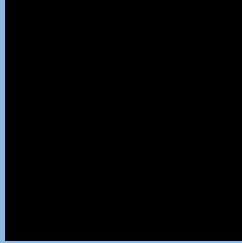
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

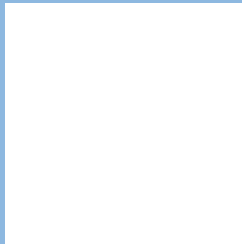
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DB8E0 Background



This preview shows how black text looks on a background with the Hex color 8DB8E0.

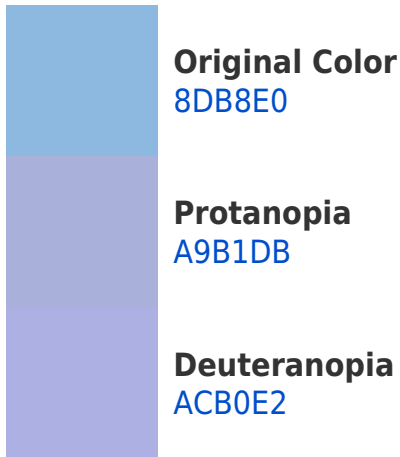


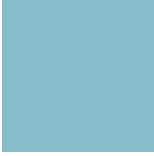
This preview shows how white text looks on a background with the Hex color 8DB8E0.

# 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](#).

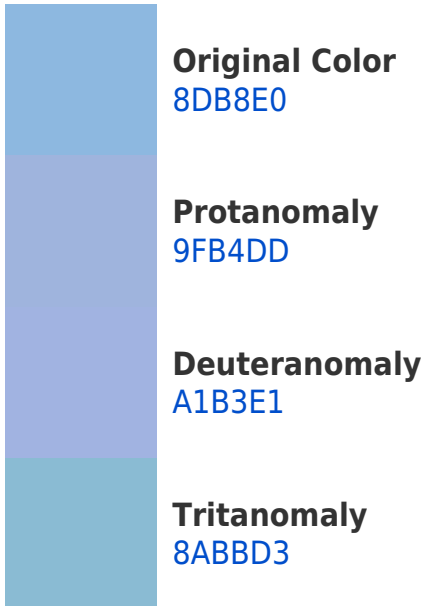
## Dichromacy



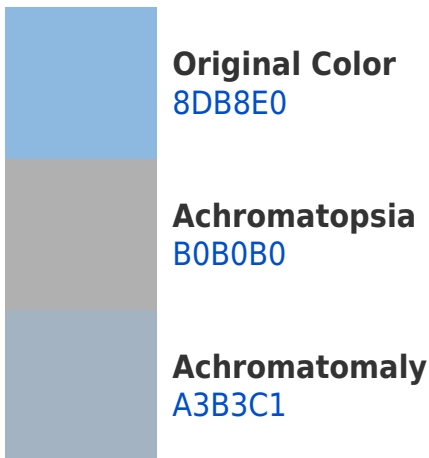


**Tritanopia**  
88BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DB8E0 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 #8DB8E0 looks like.

```
.text, #text, p{  
    color:#8DB8E0  
}
```

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 #8DB8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DB8E0  
}
```

## Border

The CSS property to change the border of an element to Hex 8DB8E0 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  
#8DB8E0 }
```

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

```
.border{ border-color:#8DB8E0 }
```

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

Here you see how a box with a 4 pixel #8DB8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DB8E0; -webkit-box-shadow:4px 4px  
4px 4px #8DB8E0; box-shadow:4px 4px 4px  
4px #8DB8E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8DB8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DB8E0 }
```

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

```
.background{ background-color:#8DB8E0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor