

# Converting Colors

Hex(84DBE8)

Have a look what the booklet for  
Hex(84DBE8) contains.

<b>Hex(84DBE8)</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(84DBE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84DBE8
RGB	132, 219, 232
RGB Percent	52%, 86%, 91%
CMY	0.4824, 0.1412, 0.0902
CMYK	0.43, 0.06, 0.00, 0.09
HSL	188°, 68%, 71%
HSV	188°, 43%, 91%
XYZ	49.4127, 61.3948, 85.5900
YIQ	194.4690, -56.0250, -14.4010

# Conversions

## Conversions Part 2

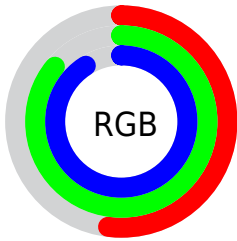
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 179, 232
Decimal	8707048
CIELab	82.59, -22.92, -14.60
CIElCh	83, 27.172, 212.492
Yxy	61.3948, 0.2516, 0.3126
Android (android.graphics.Color)	4286897128 (0xFF84DBE8)
YUV	194.4690, 18.5028, -54.7853
Hunter-Lab	78.3548, -24.5538, -9.9164

# Details

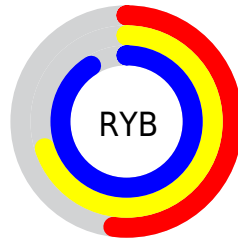
The Hex color **84DBE8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E89184**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BEFFFF**, and **4AA4B0** is the 20% darker color. If you saturate the color by 10%, you get **6DD8E8**, and if you desaturate by 10%, it is **9BDEE8**.

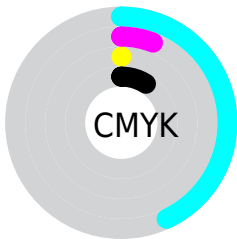
# Distribution



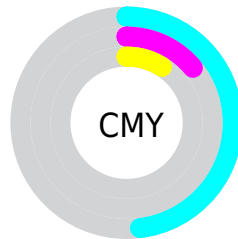
- Red (52%)
- Green (86%)
- Blue (91%)



- Red (52%)
- Yellow (70%)
- Blue (91%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (14%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84DBE8 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 84DBE8 by changing the saturation by 10% instead.



 84DBE8

 84DBE8

FFFFFF

 67BFCC

 BEFFFF

 4AA4B0

 DBFFFF

 2A8996

 F9FFFF

 00707C

 005763

 003F4B

 002934

 00121F

 000004

 84DBE8

 84DBE8

 6DD8E8

 9BDEE8

 56D5E8

 B2E1E8

 3ED2E8

 CAE4E8

 27CFE8

 E1E7E8

 10CCE8

 F8EAE8

 00CAE8

 FFEDE8

 FFF0E8

 FFF3E8

 FFF6E8

# Harmonies

## Analogous

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



8DDCCF



84DBE8



92D7FA

# Triad

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



84DBE8



F0BFE6



DECD9B

# Complementary

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



84DBE8



E89184

# 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.



F5C4A1



84DBE8



FFBBCC

# Square

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



84DBE8



D4C6F9



FFBDB3



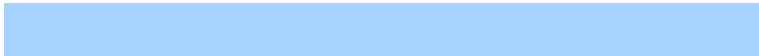
C3D4A2

# Rectangle

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



84DBE8



A6D2FF



FFBDB3



E7CA9B

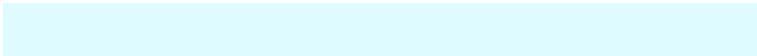


# Sweetspot

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



84DBE8



DEFBFF



84E890



6B7D80



000000



808080

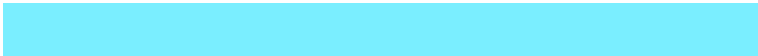


# Same Dimension

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



84DBE8



7AEFF



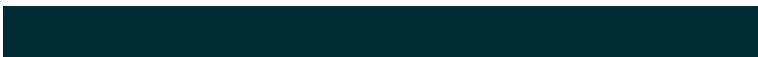
84AAE8



677173



009BB3



002C33



# Inverse Universe

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



E884DB



FF7AEE



E8C284



736771



B3009B

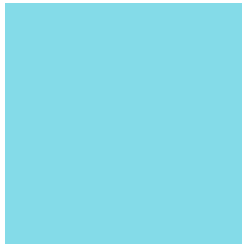


33002C



# Previews

## White Background



This preview shows how the Hex color 84DBE8 looks on a white background.

## Color Contrast Check

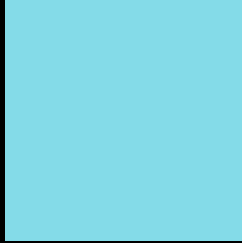
Large Text (above 18pt) WCAG AA × Fail

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 84DBE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

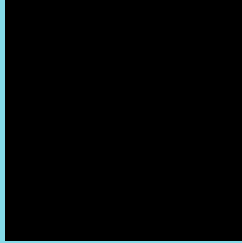
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84DBE8 Background



This preview shows how black text looks on a background with the Hex color 84DBE8.



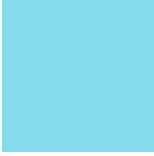
This preview shows how white text looks on a background with the Hex color 84DBE8.

# 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



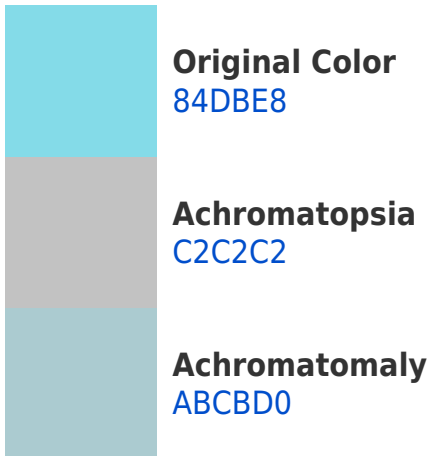


**Tritanopia**  
85DAEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84DBE8 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 #84DBE8 looks like.

```
.text, #text, p{  
    color:#84DBE8  
}
```

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 #84DBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84DBE8
}
```

## Border

The CSS property to change the border of an element to Hex 84DBE8 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
#84DBE8 }
```

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

```
.border{ border-color:#84DBE8 }
```

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

Here you see how a box with a 4 pixel #84DBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84DBE8; -webkit-box-shadow:4px 4px  
4px 4px #84DBE8; box-shadow:4px 4px 4px  
4px #84DBE8 }
```

# Background

The CSS property to change the background color of an element to Hex 84DBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84DBE8 }
```

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

```
.background{ background-color:#84DBE8 }
```

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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