

# Converting Colors

Hex(86D4E8)

Have a look what the booklet for  
Hex(86D4E8) contains.

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# **Color**

**Hex(86D4E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86D4E8
RGB	134, 212, 232
RGB Percent	53%, 83%, 91%
CMY	0.4745, 0.1686, 0.0902
CMYK	0.42, 0.09, 0.00, 0.09
HSL	192°, 68%, 72%
HSV	192°, 42%, 91%
XYZ	47.9405, 57.9815, 85.0087
YIQ	190.9580, -52.9080, -10.3160

# Conversions

## Conversions Part 2

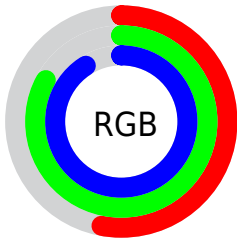
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 177, 232
Decimal	8836328
CIELab	80.73, -18.93, -17.39
CIElCh	81, 25.700, 222.575
Yxy	57.9815, 0.2511, 0.3037
Android (android.graphics.Color)	4287026408 (0xFF86D4E8)
YUV	190.9580, 20.2337, -49.9522
Hunter-Lab	76.1456, -20.8730, -12.8893

# Details

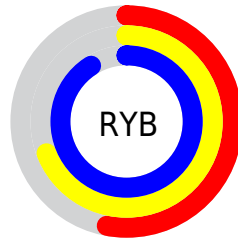
The Hex color **86D4E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E89A86**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BFFFFFF**, and **4D9DB0** is the 20% darker color. If you saturate the color by 10%, you get **6FCFE8**, and if you desaturate by 10%, it is **9DD9E8**.

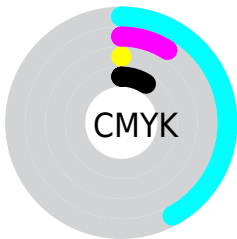
# Distribution



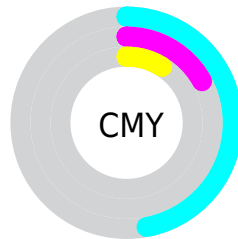
- Red (53%)
- Green (83%)
- Blue (91%)



- Red (53%)
- Yellow (69%)
- Blue (91%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86D4E8 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 86D4E8 by changing the saturation by 10% instead.



 86D4E8

 86D4E8

FFFFFF

 6AB8CC

 BFFFFFF

 4D9DB0

 DCFFFF

 2E8396


 FAFFFF

 006A7C

 005163

 003A4B

 002434

 00071F

 000003

86D4E8

86D4E8

6FCFE8

9DD9E8

58CBE8

B4DDE8

40C6E8

CCE2E8

29C1E8

E3E7E8

12BCE8

FAECE8

00B9E8

FFF0E8

FFF5E8

FFFAE8

FFFFE8

# Harmonies

## Analogous

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



87D6D2



86D4E8



9ACFF6

# Triad

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



86D4E8



F0B9D7



D0CA99

# Complementary

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



86D4E8



E89A86

# 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.



E7C29B



86D4E8



FAB7BF

# Square

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



86D4E8



D9BFEC



F6BBA9



B5D1A4

# Rectangle

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



86D4E8



AECAF8



F6BBA9



D8C799

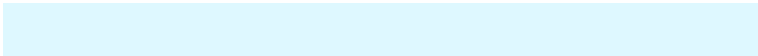


# Sweetspot

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



86D4E8



DEF8FF



86E89A



6B7B80



000000



808080



# Same Dimension

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



86D4E8



7DE4FF



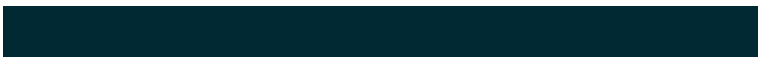
86A3E8



677073



008EB3



002933



# Inverse Universe

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



E886D4



FF7DE4



E8CB86



736770



B3008E

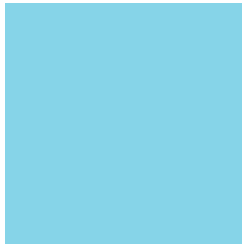


330029



# Previews

## White Background



This preview shows how the Hex color 86D4E8 looks on a white background.

## Color Contrast Check

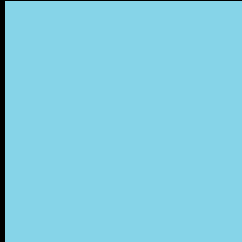
Large Text (above 18pt) WCAG AA × Fail

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 86D4E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

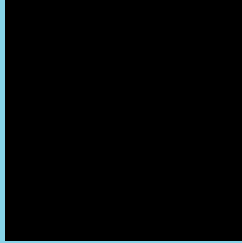
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86D4E8 Background



This preview shows how black text looks on a background with the Hex color 86D4E8.



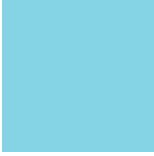
This preview shows how white text looks on a background with the Hex color 86D4E8.

# 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](#).

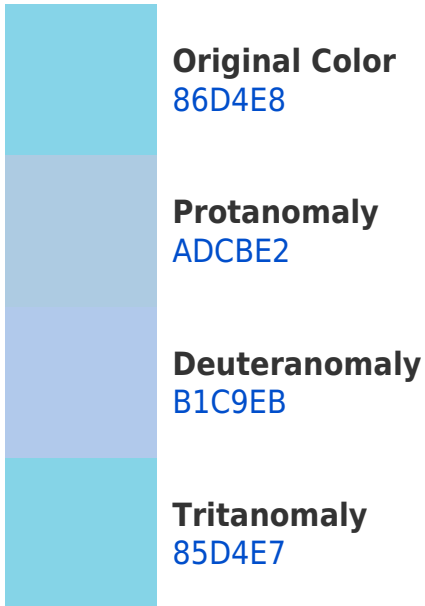
## Dichromacy



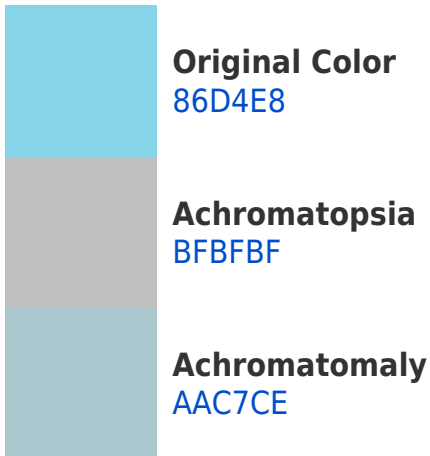


**Tritanopia**  
85D4E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86D4E8 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 #86D4E8 looks like.

```
.text, #text, p{  
    color:#86D4E8  
}
```

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 #86D4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D4E8
}
```

## Border

The CSS property to change the border of an element to Hex 86D4E8 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
#86D4E8 }
```

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

```
.border{ border-color:#86D4E8 }
```

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

Here you see how a box with a 4 pixel #86D4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D4E8; -webkit-box-shadow:4px 4px  
4px 4px #86D4E8; box-shadow:4px 4px 4px  
4px #86D4E8 }
```

# Background

The CSS property to change the background color of an element to Hex 86D4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D4E8 }
```

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

```
.background{ background-color:#86D4E8 }
```

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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