

Converting Colors

Hex(86D1E0)

Have a look what the booklet for
Hex(86D1E0) contains.

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Color

Hex(86D1E0)

Conversions

Conversions Part 1

Format	Color
Hex	86D1E0
RGB	134, 209, 224
RGB Percent	53%, 82%, 88%
CMY	0.4745, 0.1804, 0.1216
CMYK	0.40, 0.07, 0.00, 0.12
HSL	190°, 59%, 70%
HSV	190°, 40%, 88%
XYZ	46.0865, 56.0511, 78.9109
YIQ	188.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

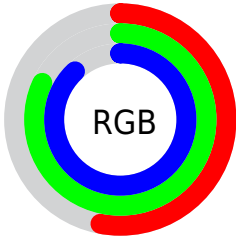
Format	Color
RYB	134, 175, 224
Decimal	8835552
CIELab	79.64, -19.44, -14.75
CIELCh	80, 24.404, 217.176
Yxy	56.0511, 0.2546, 0.3096
Android (android.graphics.Color)	4287025632 (0xFF86D1E0)
YUV	188.2850, 17.6075, -47.6079
Hunter-Lab	74.8673, -21.1373, -10.0852

Details

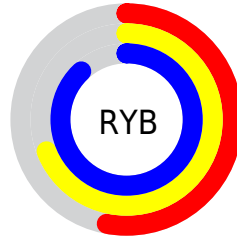
The Hex color **86D1E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09586**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BFFFFFF**, and **4E9AA9** is the 20% darker color. If you saturate the color by 10%, you get **70CDE0**, and if you desaturate by 10%, it is **9CD5E0**.

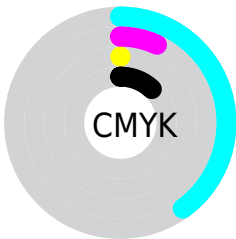
Distribution



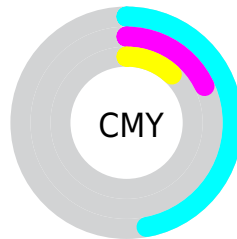
- Red (53%)
- Green (82%)
- Blue (88%)



- Red (53%)
- Yellow (69%)
- Blue (88%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D1E0 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 86D1E0 by changing the saturation by 10% instead.

 86D1E0

 86D1E0

FFFFFF

 6AB5C4

 BFFFFFF

 4E9AA9

 DCFFFF

 31808E

 F9FFFF

 076775

 004F5C

 003845

 00222E

 00011A

 000000

86D1E0

86D1E0

70CDE0

9CD5E0

59CAE0

B3D8E0

43C6E0

C9DCE0

2CC2E0

E0E0E0

16BEE0

F6E4E0

00BBE0

FFE7E0

FFEBE0

FFEFE0

FFF3E0

Harmonies

Analogous

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



8BD2CA



86D1E0



95CCEF

Triad

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



86D1E0



E8B7D8



D1C698

Complementary

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



86D1E0



E09586

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.



E6BE9C



86D1E0



F3B5C1

Square

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



86D1E0



D0BEEA



F2B8AB



B8CCA1

Rectangle

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



86D1E0



A8C8F2



F2B8AB



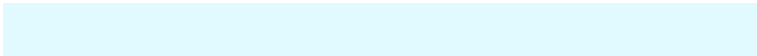
D9C398

Sweetspot

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



86D1E0



E0FAFF



86E095



6E7D80



000000



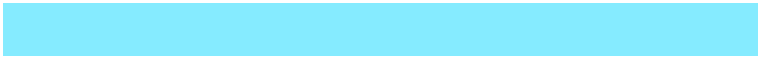
808080

Same Dimension

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



86D1E0



85EBFF



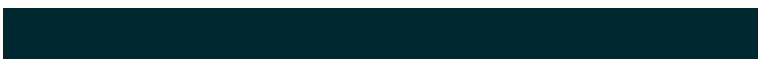
86A4E0



656E70



0093B0



002830

Inverse Universe

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



E086D1



FF85EB



E0C286



70656E



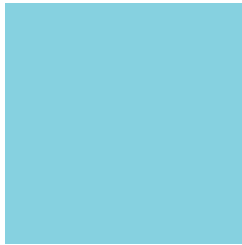
B00093



300028

Previews

White Background



This preview shows how the Hex color 86D1E0 looks on a white background.

Color Contrast Check

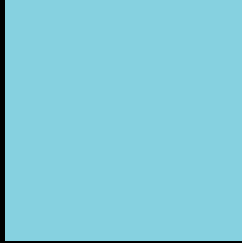
Large Text (above 18pt) WCAG AA × Fail

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 86D1E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

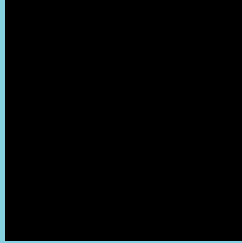
Any Text WCAG AA ✓ Pass

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 86D1E0 Background



This preview shows how black text looks on a background with the Hex color 86D1E0.

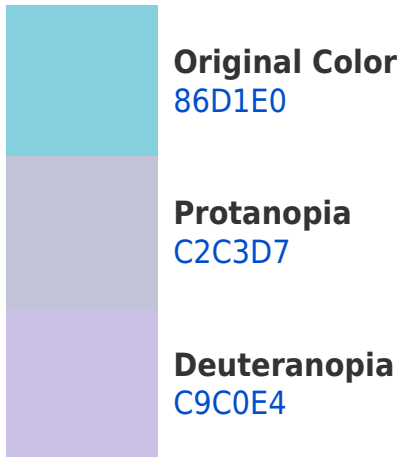


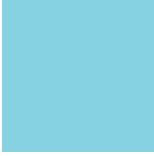
This preview shows how white text looks on a background with the Hex color 86D1E0.

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](#).

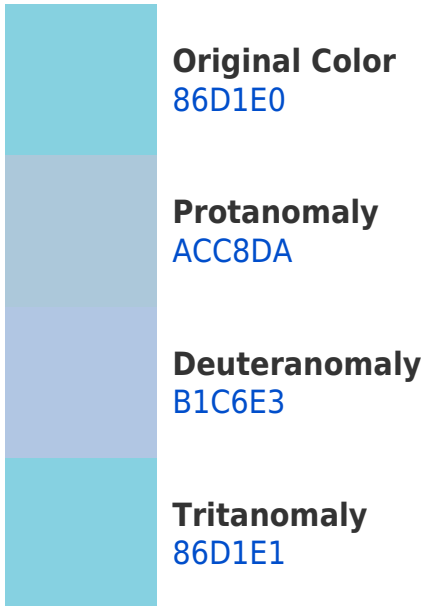
Dichromacy



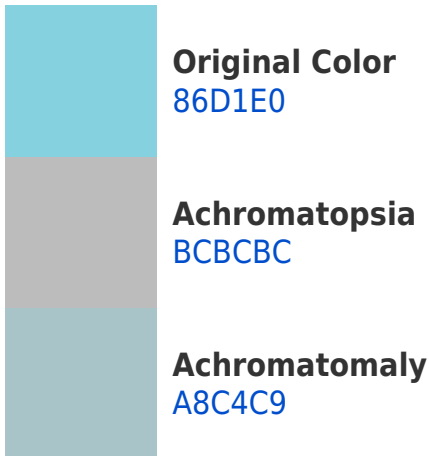


Tritanopia
86D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86D1E0 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 #86D1E0 looks like.

```
.text, #text, p{  
    color:#86D1E0  
}
```

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 #86D1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D1E0
}
```

Border

The CSS property to change the border of an element to Hex 86D1E0 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
#86D1E0 }
```

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

```
.border{ border-color:#86D1E0 }
```

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

Here you see how a box with a 4 pixel #86D1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D1E0; -webkit-box-shadow:4px 4px  
4px 4px #86D1E0; box-shadow:4px 4px 4px  
4px #86D1E0 }
```

Background

The CSS property to change the background color of an element to Hex 86D1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D1E0 }
```

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

```
.background{ background-color:#86D1E0 }
```

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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