

Converting Colors

Hex(86D0F0)

Have a look what the booklet for
Hex(86D0F0) contains.

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Color

Hex(86D0F0)

Conversions

Conversions Part 1

Format	Color
Hex	86D0F0
RGB	134, 208, 240
RGB Percent	53%, 82%, 94%
CMY	0.4745, 0.1843, 0.0588
CMYK	0.44, 0.13, 0.00, 0.06
HSL	198°, 78%, 73%
HSV	198°, 44%, 94%
XYZ	48.1156, 56.4714, 90.8022
YIQ	189.5220, -54.3760, -5.7360

Conversions

Conversions Part 2

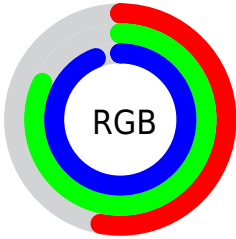
Format	Color
RYB	134, 178, 240
Decimal	8835312
CIELab	79.88, -14.79, -22.94
CIElCh	80, 27.295, 237.189
Yxy	56.4714, 0.2463, 0.2890
Android (android.graphics.Color)	4287025392 (0xFF86D0F0)
YUV	189.5220, 24.8857, -48.6928
Hunter-Lab	75.1474, -17.2176, -19.0381

Details

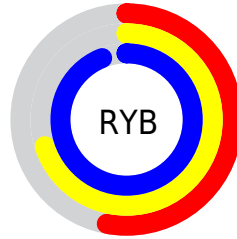
The Hex color **86D0F0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F0A686**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BFFFFFF**, and **4D9AB8** is the 20% darker color. If you saturate the color by 10%, you get **6EC9F0**, and if you desaturate by 10%, it is **9ED7F0**.

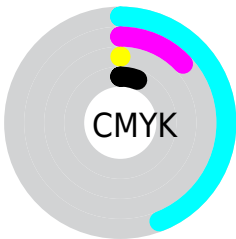
Distribution



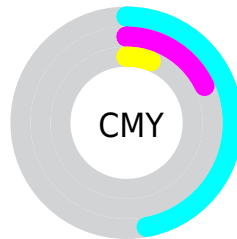
- Red (53%)
- Green (82%)
- Blue (94%)



- Red (53%)
- Yellow (70%)
- Blue (94%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (47%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D0F0 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 86D0F0 by changing the saturation by 10% instead.

 86D0F0

 86D0F0

FFFFFF

 6AB4D4

 BFFFFFF

 4D9AB8

 DDFFFF

 2D809D

 FAFFFF

 006683

 004E6A

 003751

 00223A

 000225

 00010D

 86D0F0

 86D0F0

 6EC9F0

 9ED7F0

 56C2F0

 B6DEF0

 3EBAF0

 CEE6F0

 26B3F0

 E6EDF0

 0EACF0

 FEF4F0

 00A8F0

 FFFBF0

 FFFFF0

Harmonies

Analogous

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



7CD4DC



86D0F0



A4C9F8

Triad

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



86D0F0



F6B4C9



C0CC98

Complementary

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



86D0F0



F0A686

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.



DBC493



86D0F0



FAB5B0

Square

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



86D0F0



E5B8E2



F0BB9C



A3D1AA

Rectangle

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



86D0F0



BBC3F6



F0BB9C



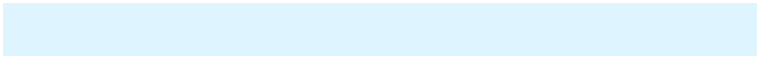
CAC995

Sweetspot

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



86D0F0



DEF5FF



86F0A6



6B7980



000000



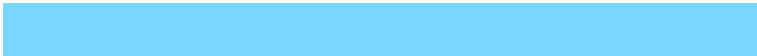
808080

Same Dimension

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



86D0F0



78D6FF



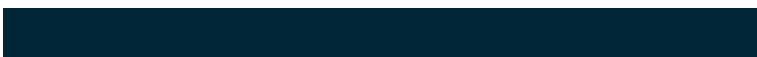
869BF0



6C7478



0080B8



002738

Inverse Universe

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



F086D0



FF78D6



F0DB86



786C74



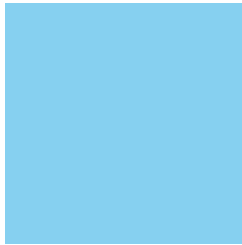
B80080



380027

Previews

White Background



This preview shows how the Hex color 86D0F0 looks on a white background.

Color Contrast Check

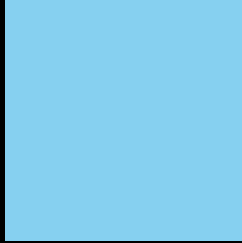
Large Text (above 18pt) WCAG AA × Fail

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 86D0F0 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 86D0F0 Background



This preview shows how black text looks on a background with the Hex color 86D0F0.

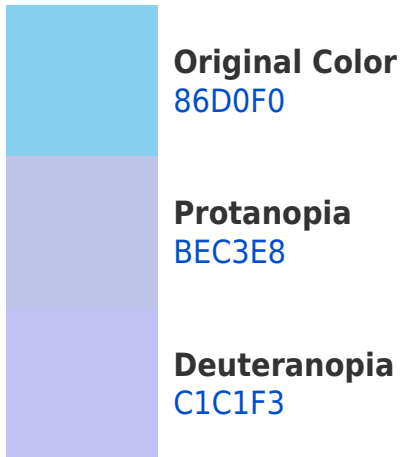


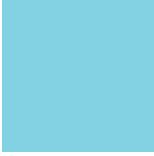
This preview shows how white text looks on a background with the Hex color 86D0F0.

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](#).

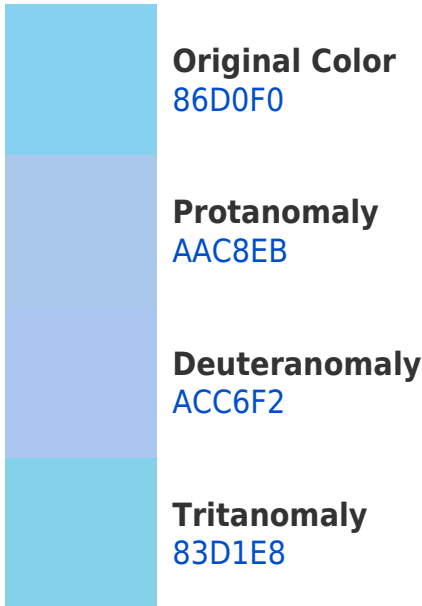
Dichromacy



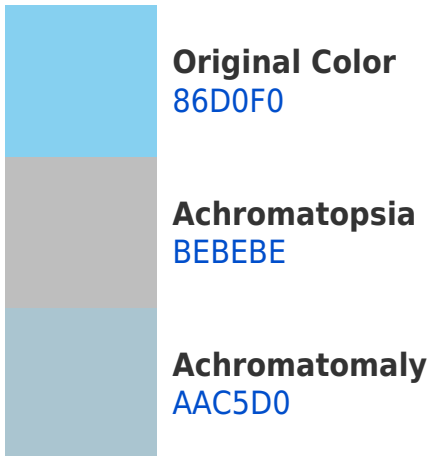


Tritanopia
82D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86D0F0 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 #86D0F0 looks like.

```
.text, #text, p{  
    color:#86D0F0  
}
```

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 #86D0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D0F0
}
```

Border

The CSS property to change the border of an element to Hex 86D0F0 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
#86D0F0 }
```

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

```
.border{ border-color:#86D0F0 }
```

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

Here you see how a box with a 4 pixel #86D0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D0F0; -webkit-box-shadow:4px 4px  
4px 4px #86D0F0; box-shadow:4px 4px 4px  
4px #86D0F0 }
```

Background

The CSS property to change the background color of an element to Hex 86D0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D0F0 }
```

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

```
.background{ background-color:#86D0F0 }
```

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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