

Converting Colors

Hex(86DCF3)

Have a look what the booklet for
Hex(86DCF3) contains.

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Color

Hex(86DCF3)

Conversions

Conversions Part 1

Format	Color
Hex	86DCF3
RGB	134, 220, 243
RGB Percent	53%, 86%, 95%
CMY	0.4745, 0.1373, 0.0471
CMYK	0.45, 0.09, 0.00, 0.05
HSL	193°, 82%, 74%
HSV	193°, 45%, 95%
XYZ	51.6024, 62.7258, 94.1816
YIQ	196.9080, -58.6390, -11.0790

Conversions

Conversions Part 2

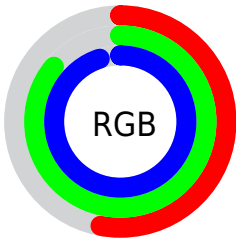
Format	Color
RYB	134, 182, 243
Decimal	8838387
CIELab	83.30, -20.11, -19.36
CIElCh	83, 27.915, 223.900
Yxy	62.7258, 0.2475, 0.3008
Android (android.graphics.Color)	4287028467 (0xFF86DCF3)
YUV	196.9080, 22.7234, -55.1703
Hunter-Lab	79.1996, -22.2980, -15.0660

Details

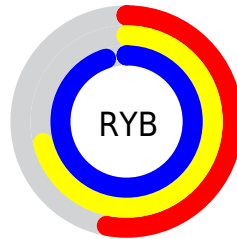
The Hex color **86DCF3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F39D86**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C0FFFF**, and **4BA5BB** is the 20% darker color. If you saturate the color by 10%, you get **6ED7F3**, and if you desaturate by 10%, it is **9EE1F3**.

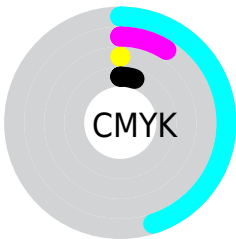
Distribution



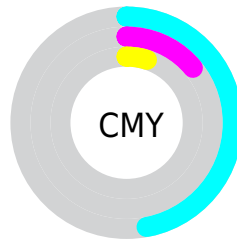
- Red (53%)
- Green (86%)
- Blue (95%)



- Red (53%)
- Yellow (71%)
- Blue (95%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (47%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86DCF3 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 86DCF3 by changing the saturation by 10% instead.

 86DCF3

 86DCF3

FFFFFF

 69C0D7

 C0FFFF

 4BA5BB

 DDFFFF

 2A8AA0

 FBFFFF

 007186

 00586C

 004154

 002A3D

 001527

 000111

 86DCF3

 86DCF3

 6ED7F3

 9EE1F3

 55D2F3

 B7E6F3

 3DCDF3

 CFEBF3

 25C7F3

 E7F1F3

 0DC2F3

 FFF6F3

 00C0F3

 FFFBF3

 FFFFF3

Harmonies

Analogous

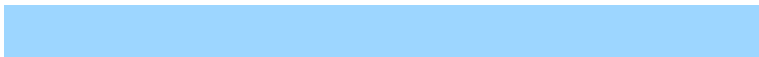
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87DEDB



86DCF3



9DD6FF

Triad

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



86DCF3



FBBEDF



D6D29C

Complementary

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



86DCF3



F39D86

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.



F0C99E



86DCF3



FFBDC4

Square

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



86DCF3



E3C5F6



FFC1AC



B9D9A9

Rectangle

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



86DCF3



B4D1FF



FFC1AC



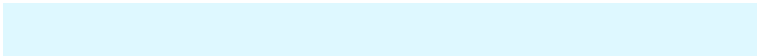
E0CF9B

Sweetspot

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



86DCF3



DEF8FF



86F39C



6B7B80



000000



808080

Same Dimension

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



86DCF3



75E2FF



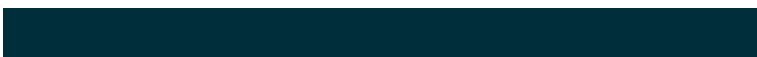
86A7F3



6E787A



0093BA



002E3B

Inverse Universe

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



F386DC



FF75E2



F3D286



7A6E78



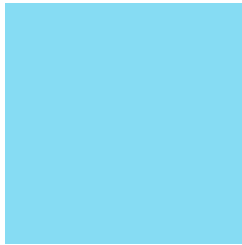
BA0093



3B002E

Previews

White Background



This preview shows how the Hex color 86DCF3 looks on a white background.

Color Contrast Check

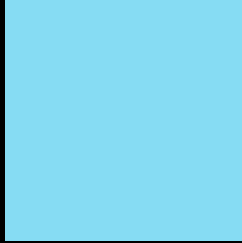
Large Text (above 18pt) WCAG AA × Fail

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 86DCF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

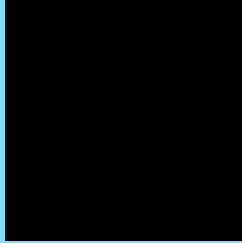
Any Text WCAG AA ✓ Pass

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 86DCF3 Background



This preview shows how black text looks on a background with the Hex color 86DCF3.

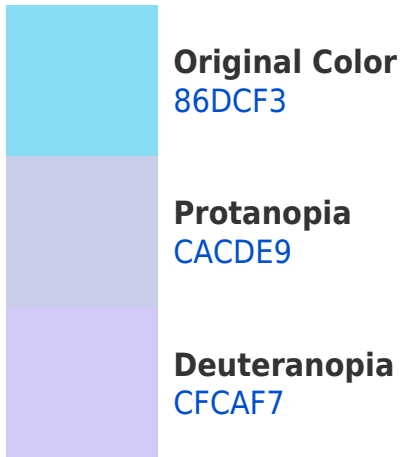


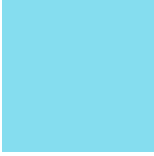
This preview shows how white text looks on a background with the Hex color 86DCF3.

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](#).

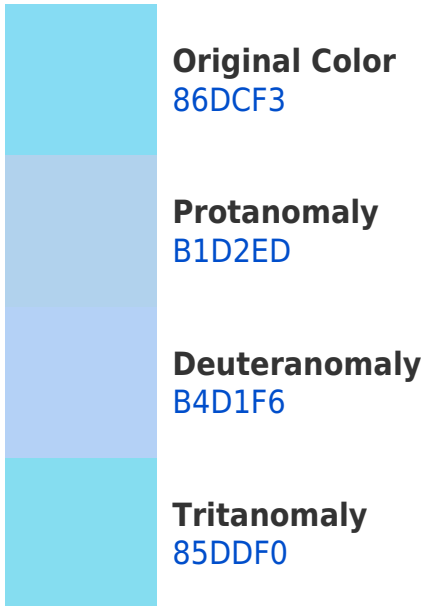
Dichromacy



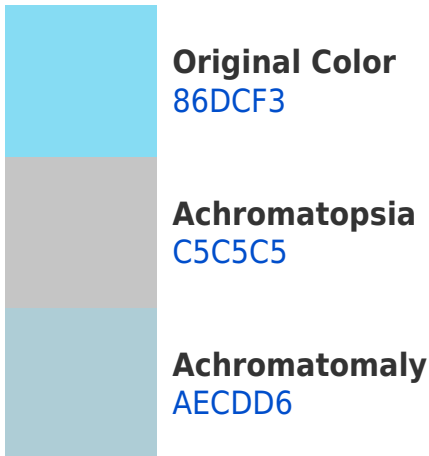


Tritanopia
85DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86DCF3 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 #86DCF3 looks like.

```
.text, #text, p{  
    color:#86DCF3  
}
```

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 #86DCF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86DCF3
}
```

Border

The CSS property to change the border of an element to Hex 86DCF3 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
#86DCF3 }
```

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

```
.border{ border-color:#86DCF3 }
```

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

Here you see how a box with a 4 pixel #86DCF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86DCF3; -webkit-box-shadow:4px 4px  
4px 4px #86DCF3; box-shadow:4px 4px 4px  
4px #86DCF3 }
```

Background

The CSS property to change the background color of an element to Hex 86DCF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86DCF3 }
```

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

```
.background{ background-color:#86DCF3 }
```

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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