

Converting Colors

Hex(86AFFF)

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

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Color

Hex(86AFFF)

Conversions

Conversions Part 1

Format	Color
Hex	86AFFF
RGB	134, 175, 255
RGB Percent	53%, 69%, 100%
CMY	0.4745, 0.3137, 0.0000
CMYK	0.47, 0.31, 0.00, 0.00
HSL	220°, 100%, 76%
HSV	220°, 47%, 100%
XYZ	43.2115, 42.9483, 100.6201
YIQ	171.8610, -50.1160, 16.1880

Conversions

Conversions Part 2

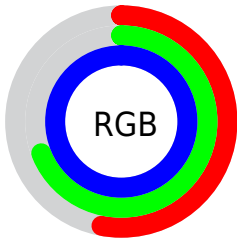
Format	Color
RYB	134, 165, 255
Decimal	8826879
CIELab	71.52, 7.22, -43.91
CIELCh	72, 44.501, 279.343
Yxy	42.9483, 0.2313, 0.2299
Android (android.graphics.Color)	4287016959 (0xFF86AFFF)
YUV	171.8610, 40.9875, -33.2041
Hunter-Lab	65.5349, 3.0106, -45.1574

Details

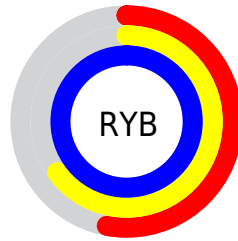
The Hex color **86AFFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD686**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C0E6FF**, and **4B7BC6** is the 20% darker color. If you saturate the color by 10%, you get **6D9EFF**, and if you desaturate by 10%, it is **A0C0FF**.

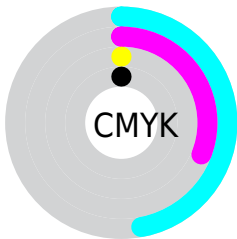
Distribution



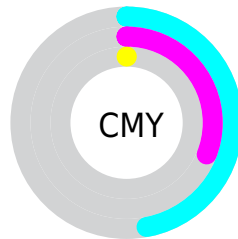
- Red (53%)
- Green (69%)
- Blue (100%)



- Red (53%)
- Yellow (65%)
- Blue (100%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 86AFFF

 86AFFF

FFFFFF

 6995E2

 C0E6FF

 4B7BC6

 DDFFFF

 2A62AA

 FBFFFF

 004B8F

 003575

 00205C

 000744

 00032D

 000118

■ 86AFFF

■ 86AFFF

■ 6D9EFF

■ A0C0FF

■ 538DFF

■ B9D1FF

■ 3A7CFF

■ D3E2FF

■ 206CFF

■ ECF2FF

■ 075BFF

FFFFFF

■ 0056FF

Harmonies

Analogous

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



27BBFA



86AFFF



C4A0EE

Triad

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



86AFFF



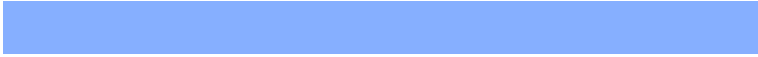
F7957E



5BC291

Complementary

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



86AFFF



FFD686

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.



90BC6F



86AFFF



E0A363

Square

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



86AFFF



FD8EA4



BCB15D



00C4BB

Rectangle

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



86AFFF



E196D9



BCB15D



6EC184

Sweetspot

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



86AFFF



DBE7FF



86FFD5



6A7180



000000



808080

Same Dimension

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



86AFFF



6E9FFF



9886FF



737780



0041BF



001640

Inverse Universe

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



FF86AF



FF6E9F



EDFF86



807377



BF0041



400016

Previews

White Background



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

Color Contrast Check

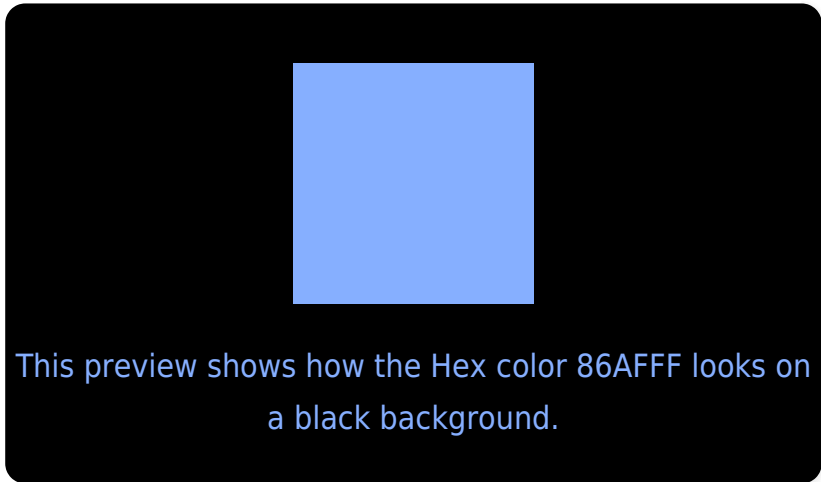
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

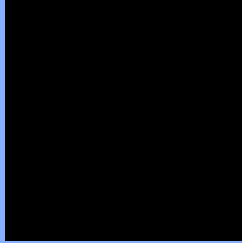
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

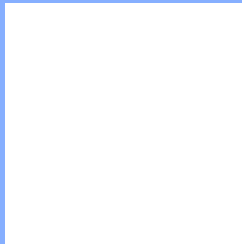
Any Text WCAG AAA ✓ Pass

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

Hex 86AFFF Background



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



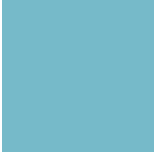
This preview shows how white text looks on a background with the Hex color 86AFFF.

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](#).

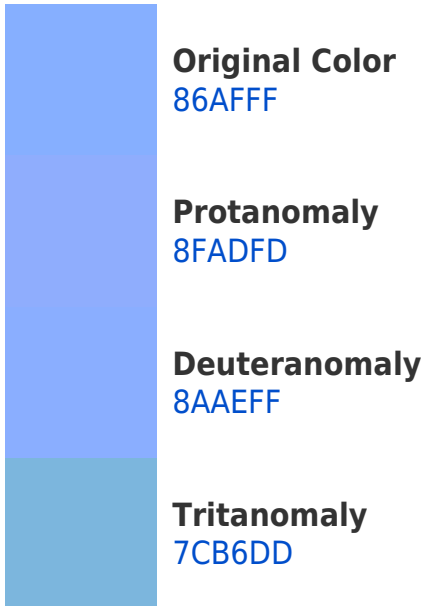
Dichromacy



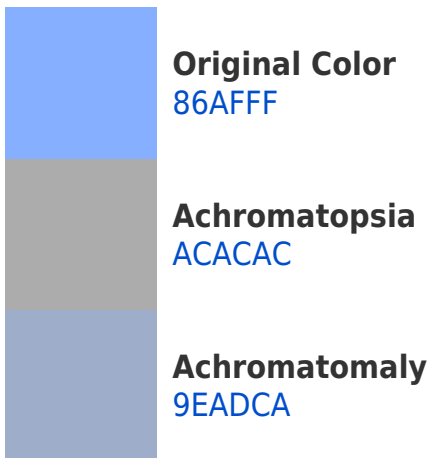


Tritanopia
76BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #86AFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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