

Converting Colors

Hex(80AFEC)

Have a look what the booklet for
Hex(80AFEC) contains.

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Color

Hex(80AFEC)

Conversions

Conversions Part 1

Format	Color
Hex	80AFEC
RGB	128, 175, 236
RGB Percent	50%, 69%, 93%
CMY	0.4980, 0.3137, 0.0745
CMYK	0.46, 0.26, 0.00, 0.07
HSL	214°, 74%, 71%
HSV	214°, 46%, 93%
XYZ	39.3724, 41.3053, 85.2544
YIQ	167.9010, -47.5930, 9.0070

Conversions

Conversions Part 2

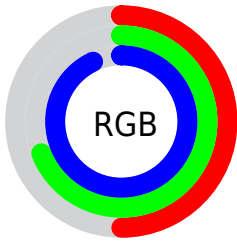
Format	Color
RYB	128, 161, 236
Decimal	8433644
CIELab	70.39, 0.36, -35.39
CIELCh	70, 35.393, 270.578
Yxy	41.3053, 0.2373, 0.2489
Android (android.graphics.Color)	4286623724 (0xFF80AFEC)
YUV	167.9010, 33.5728, -34.9932
Hunter-Lab	64.2692, -3.1189, -33.6610

Details

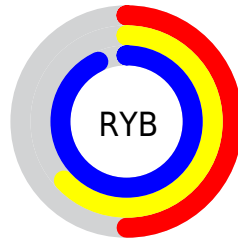
The Hex color **80AFEC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **ECBD80**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B9E6FF**, and **477BB4** is the 20% darker color. If you saturate the color by 10%, you get **68A2EC**, and if you desaturate by 10%, it is **98BCEC**.

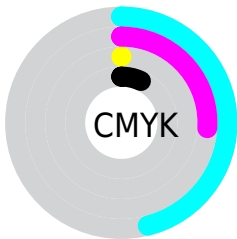
Distribution



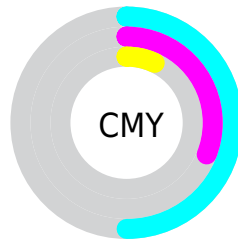
- Red (50%)
- Green (69%)
- Blue (93%)



- Red (50%)
- Yellow (63%)
- Blue (93%)



- Cyan (46%)
- Magenta (26%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AFEC 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 80AFEC by changing the saturation by 10% instead.

 80AFEC

 80AFEC

FFFFFF

 6494D0

 B9E6FF

 477BB4

 D6FFFF

 276299

 F4FFFF

 004B7F

 003465

 00204D

 000636

 000220


 000004

 80AFEC

 80AFEC

 68A2EC

 98BCEC

 5194EC

 AFCAEC

 3987EC

 C7D7EC

 227AEC

 DEE4EC

 0A6CEC

 F6F2EC

 0067EC

 FFFFEC

Harmonies

Analogous

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



4CB8E3



80AFEC



B1A4E3

Triad

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



80AFEC



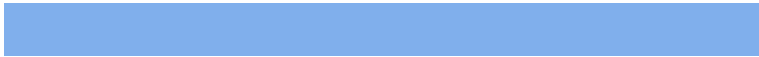
EA968D



79BB8B

Complementary

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



80AFEC



ECBD80

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.



9FB474



80AFEC



DC9F75

Square

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



80AFEC



E993AD



C1AA6B



51BDAC

Rectangle

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



80AFEC



CB9CD5



C1AA6B



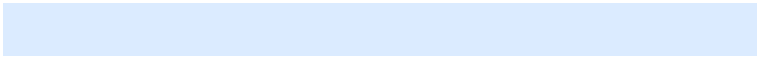
86B982

Sweetspot

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



80AFEC



DBEBFF



80ECBB



6A7380



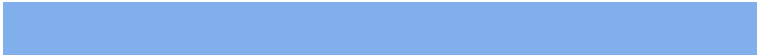
000000



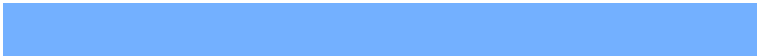
808080

Same Dimension

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



80AFEC



73B0FF



8580EC



6A6F75



004FB5



001736

Inverse Universe

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



EC80AF



FF73B0



E7EC80



756A6F



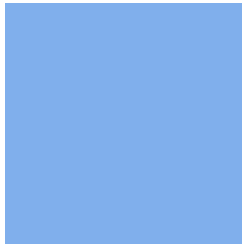
B5004F



360017

Previews

White Background



This preview shows how the Hex color 80AFEC looks on a white background.

Color Contrast Check

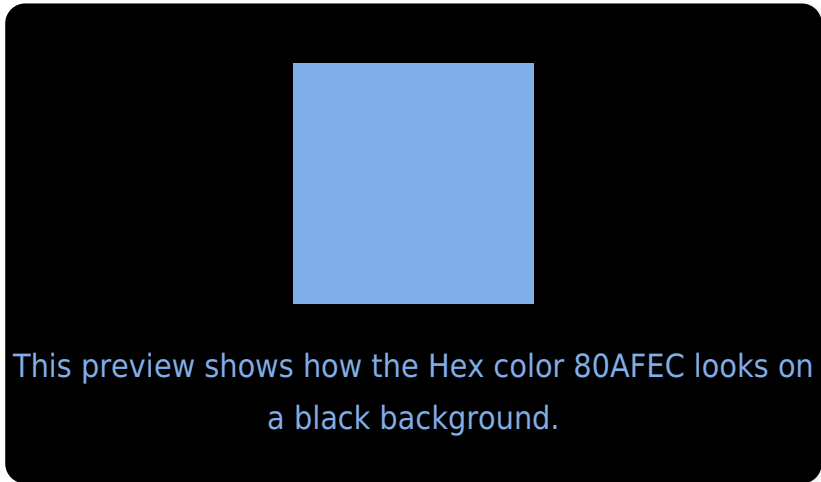
Large Text (above 18pt) WCAG AA × Fail

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

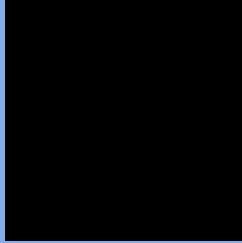
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

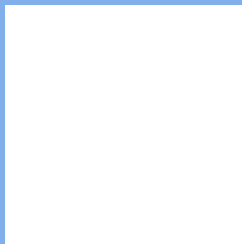
Any Text WCAG AAA ✓ Pass

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

Hex 80AFEC Background



This preview shows how black text looks on a background with the Hex color 80AFEC.



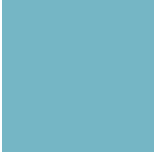
This preview shows how white text looks on a background with the Hex color 80AFEC.

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](#).

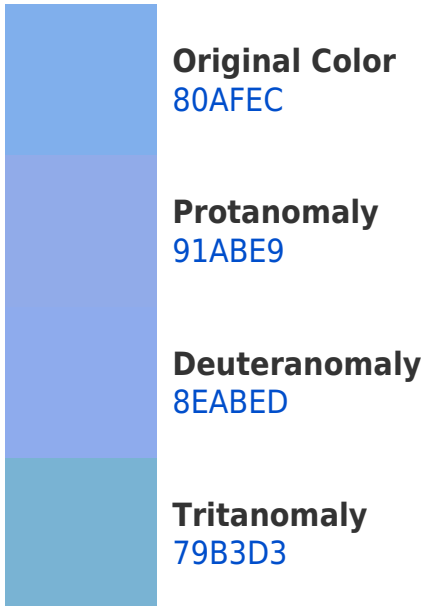
Dichromacy



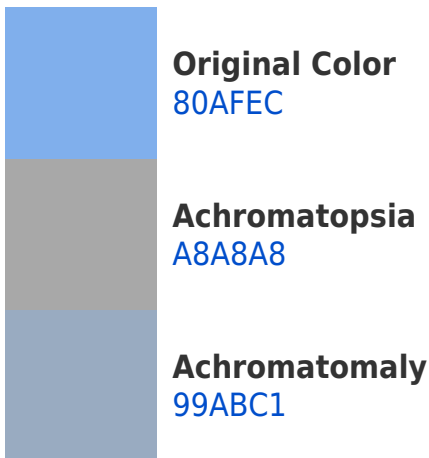


Tritanopia
75B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AFEC 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 #80AFEC looks like.

```
.text, #text, p{  
    color:#80AFEC  
}
```

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 #80AFEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AFEC  
}
```

Border

The CSS property to change the border of an element to Hex 80AFEC 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  
#80AFEC }
```

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

```
.border{ border-color:#80AFEC }
```

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

Here you see how a box with a 4 pixel #80AFEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AFEC; -webkit-box-shadow:4px 4px  
4px 4px #80AFEC; box-shadow:4px 4px 4px  
4px #80AFEC }
```

Background

The CSS property to change the background color of an element to Hex 80AFEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AFEC }
```

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

```
.background{ background-color:#80AFEC }
```

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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