

Converting Colors

Hex(70AFE8)

Have a look what the booklet for
Hex(70AFE8) contains.

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Color

Hex(70AFE8)

Conversions

Conversions Part 1

Format	Color
Hex	70AFE4
RGB	112, 175, 234
RGB Percent	44%, 69%, 92%
CMY	0.5608, 0.3137, 0.0824
CMYK	0.52, 0.25, 0.00, 0.08
HSL	209°, 74%, 68%
HSV	209°, 52%, 92%
XYZ	36.8633, 40.0452, 83.6285
YIQ	162.8890, -56.4870, 4.9930

Conversions

Conversions Part 2

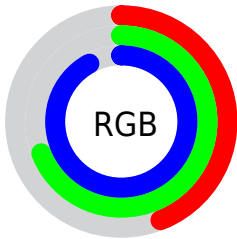
Format	Color
R _Y B	112, 154, 234
Decimal	7385066
CIE Lab	69.50, -3.91, -35.74
CIE LCh	70, 35.955, 263.758
Yxy	40.0452, 0.2296, 0.2494
Android (android.graphics.Color)	4285575146 (0xFF70AFE6)
YUV	162.8890, 35.0577, -44.6297
Hunter-Lab	63.2813, -6.7603, -34.0570

Details

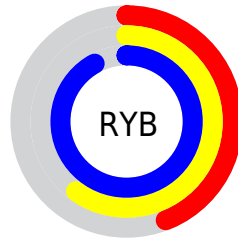
The Hex color **70AFEA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EAAB70**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **AAE6FF**, and **327BB2** is the 20% darker color. If you saturate the color by 10%, you get **59A4EA**, and if you desaturate by 10%, it is **87BAEA**.

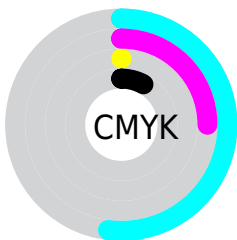
Distribution



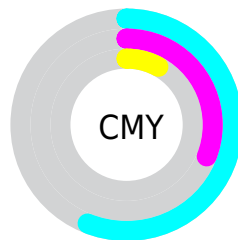
- Red (44%)
- Green (69%)
- Blue (92%)



- Red (44%)
- Yellow (60%)
- Blue (92%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (56%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AFEA 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 70AFEA by changing the saturation by 10% instead.

■ 70AFEA

■ 70AFEA

FFFFFF

■ 5294CE

■ AAE6FF

■ 327BB2

■ C7FFFF

■ 006297

■ E5FFFF

■ 004A7D

■ 003464

■ 001F4B

■ 000535

■ 00021E

■ 000001

 70AFEA

 70AFEA

 59A4EA

 87BAEA

 4198EA

 9FC6EA

 2A8DEA

 B6D1EA

 1282EA

 CEDCEA

 0079EA

 E5E8EA

 FCF3EA

 FFFEEA

 FFFFEA

Harmonies

Analogous

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



3BB7DD



70AFEA



A4A4E5

Triad

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



70AFEA



EA9291



7FB782

Complementary

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



70AFEA



EAAB70

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.



A5B06D



70AFEA



DE9A76

Square

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



70AFEA



E491B2



C6A569



56BBA2

Rectangle

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



70AFEA



C19CD9



C6A569



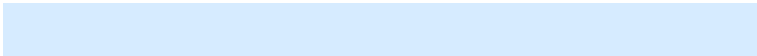
8CB57A

Sweetspot

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



70AFEA



D6EBFF



70EAAB



677480



000000



808080

Same Dimension

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



70AFEA



5EB1FF



7072EA



6A7075



005DB5



001C36

Inverse Universe

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



EA70AF



FF5EB1



EAE870



756A70



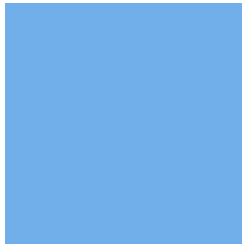
B5005D



36001C

Previews

White Background



This preview shows how the Hex color 70AFEA looks on a white background.

Color Contrast Check

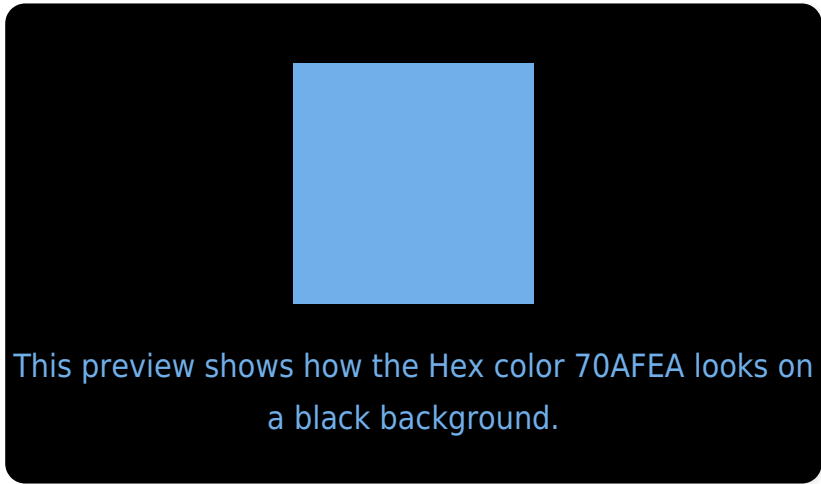
Large Text (above 18pt) WCAG AA × Fail

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

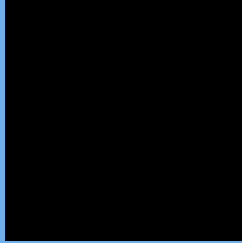
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

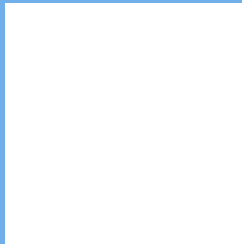
Any Text WCAG AAA ✓ Pass

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

Hex 70AFE8 Background



This preview shows how black text looks on a background with the Hex color 70AFE8.

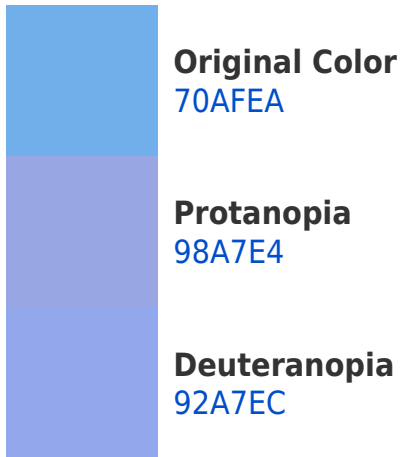


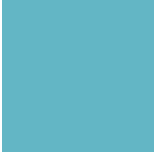
This preview shows how white text looks on a background with the Hex color 70AFE8.

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](#).

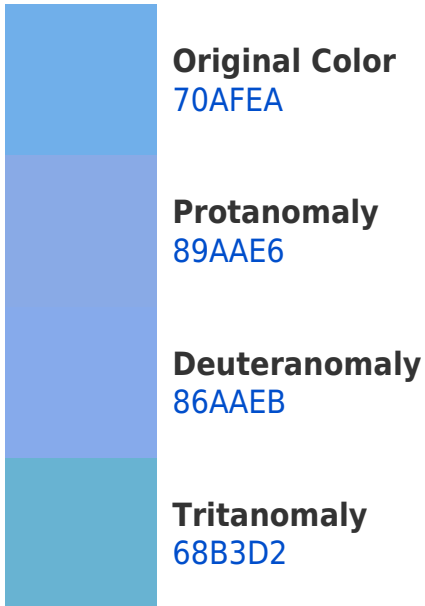
Dichromacy



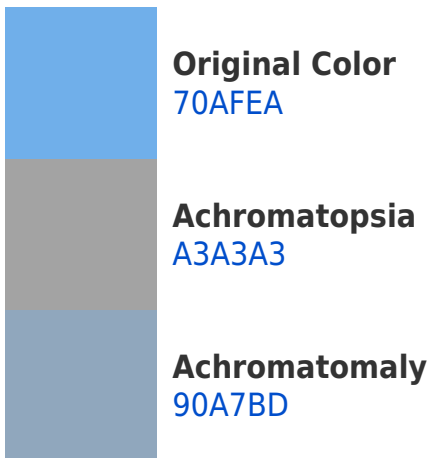


Tritanopia
63B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AFE8 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 #70AFE8 looks like.

```
.text, #text, p{  
    color:#70AFE8  
}
```

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 #70AFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AFEA
}
```

Border

The CSS property to change the border of an element to Hex 70AFEA 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
#70AFEA }
```

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

```
.border{ border-color:#70AFEA }
```

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

Here you see how a box with a 4 pixel #70AFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AFEA; -webkit-box-shadow:4px 4px  
4px 4px #70AFEA; box-shadow:4px 4px 4px  
4px #70AFEA }
```

Background

The CSS property to change the background color of an element to Hex 70AFEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AFEA }
```

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

```
.background{ background-color:#70AFEA }
```

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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