

Converting Colors

Hex(71BAFF)

Have a look what the booklet for
Hex(71BAFF) contains.

Hex(71BAFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71BAFF)

Conversions

Conversions Part 1

Format	Color
Hex	71BAFF
RGB	113, 186, 255
RGB Percent	44%, 73%, 100%
CMY	0.5569, 0.2706, 0.0000
CMYK	0.56, 0.27, 0.00, 0.00
HSL	209°, 100%, 72%
HSV	209°, 56%, 100%
XYZ	42.4190, 45.8485, 101.2217
YIQ	172.0390, -65.6570, 5.9830

Conversions

Conversions Part 2

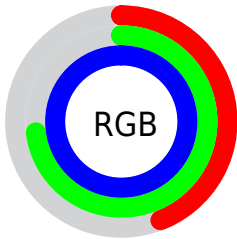
Format	Color
RYB	113, 161, 255
Decimal	7453439
CIELab	73.45, -3.45, -40.98
CIELCh	73, 41.120, 265.190
Yxy	45.8485, 0.2239, 0.2420
Android (android.graphics.Color)	4285643519 (0xFF71BAFF)
YUV	172.0390, 40.8998, -51.7772
Hunter-Lab	67.7115, -6.6711, -41.2343

Details

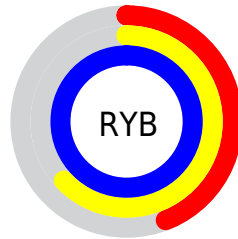
The Hex color **71BAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB671**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ADF2FF**, and **2E85C6** is the 20% darker color. If you saturate the color by 10%, you get **58AEFF**, and if you desaturate by 10%, it is **8BC6FF**.

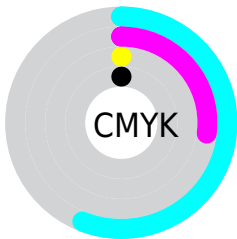
Distribution



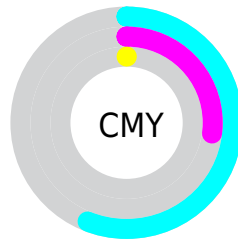
- Red (44%)
- Green (73%)
- Blue (100%)



- Red (44%)
- Yellow (63%)
- Blue (100%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BAFF 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 71BAFF by changing the saturation by 10% instead.

 71BAFF

 71BAFF

FFFFFF

 529FE2

 ADF2FF

 2E85C6

 CBFFFF

 006CAA

 E9FFFF

 005490

 003D76

 00285D

 001445

 00032E

 000118

■ 71BAFF

■ 71BAFF

■ 58AEFF

■ 8BC6FF

■ 3EA1FF

■ A4D3FF

■ 2495FF

■ BEDFFF

■ 0B88FF

■ D7ECFF

■ 0083FF

■ F1F8FF

FFFFFF

Harmonies

Analogous

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



1FC3F1



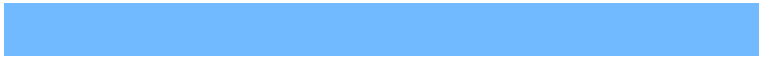
71BAFF



B0ADF9

Triad

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



71BAFF



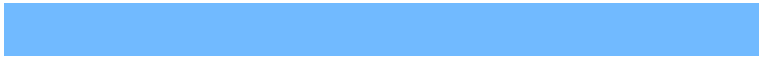
FD9996



80C488

Complementary

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



71BAFF



FFB671

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.



ACBC6F



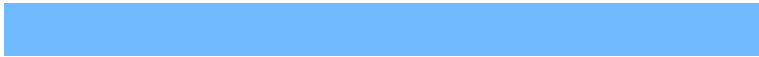
71BAFF



EFA378

Square

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



71BAFF



F897BC



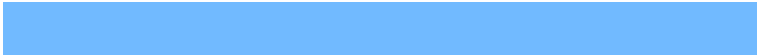
D2B069



4BC8AD

Rectangle

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



71BAFF



D1A4EA



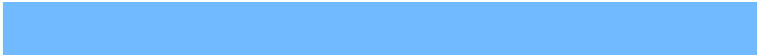
D2B069



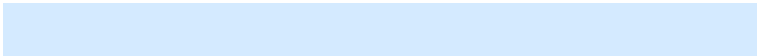
90C27E

Sweetspot

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



71BAFF



D4EAFF



71FFB6



667380



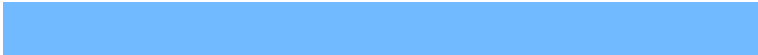
000000



808080

Same Dimension

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



71BAFF



54ACFF



7173FF



737980



0062BF



002140

Inverse Universe

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



FF71BA



FF54AC



FFFD71



807379



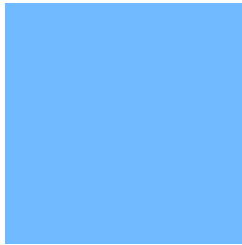
BF0062



400021

Previews

White Background



This preview shows how the Hex color 71BAFF looks on a white background.

Color Contrast Check

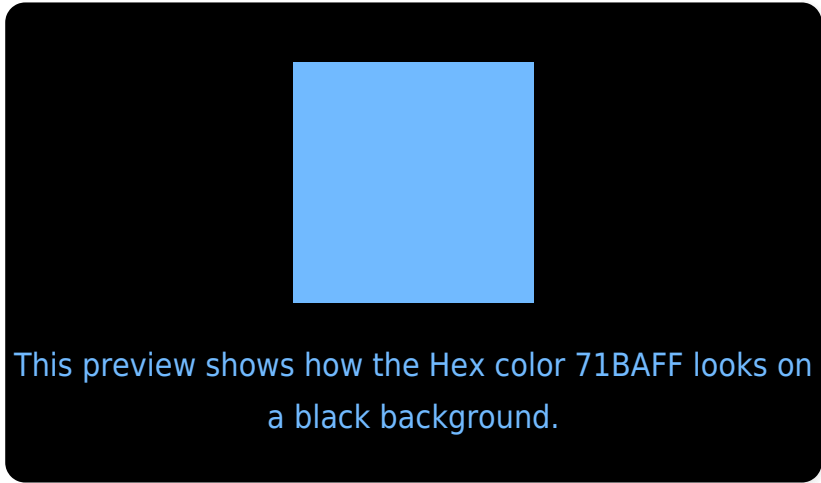
Large Text (above 18pt) WCAG AA × Fail

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

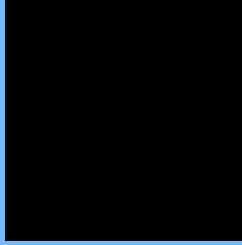
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

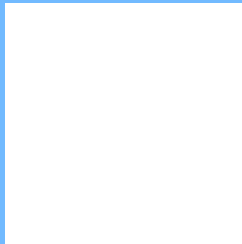
Any Text WCAG AAA ✓ Pass

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

Hex 71BAFF Background



This preview shows how black text looks on a background with the Hex color 71BAFF.

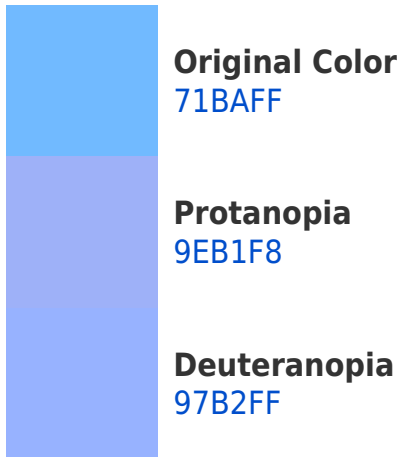


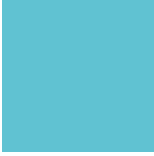
This preview shows how white text looks on a background with the Hex color 71BAFF.

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](#).

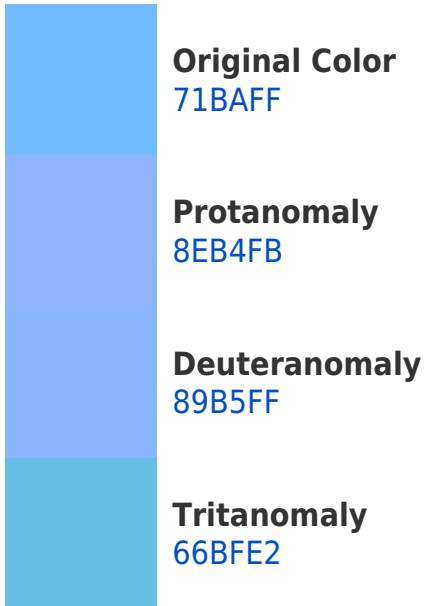
Dichromacy



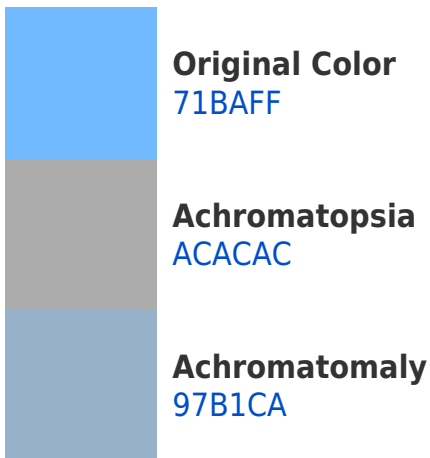


Tritanopia
60C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BAFF 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 #71BAFF looks like.

```
.text, #text, p{  
    color:#71BAFF  
}
```

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 #71BAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BAFF
}
```

Border

The CSS property to change the border of an element to Hex 71BAFF 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
#71BAFF }
```

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

```
.border{ border-color:#71BAFF }
```

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

Here you see how a box with a 4 pixel #71BAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BAFF; -webkit-box-shadow:4px 4px  
4px 4px #71BAFF; box-shadow:4px 4px 4px  
4px #71BAFF }
```

Background

The CSS property to change the background color of an element to Hex 71BAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BAFF }
```

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

```
.background{ background-color:#71BAFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor