

Converting Colors

Hex(7FBBFF)

Have a look what the booklet for
Hex(7FBBFF) contains.

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Color

Hex(7FBBFF)

Conversions

Conversions Part 1

Format	Color
Hex	7FBBFF
RGB	127, 187, 255
RGB Percent	50%, 73%, 100%
CMY	0.5020, 0.2667, 0.0000
CMYK	0.50, 0.27, 0.00, 0.00
HSL	212°, 100%, 75%
HSV	212°, 50%, 100%
XYZ	44.5727, 47.2727, 101.3830
YIQ	176.8120, -57.5880, 8.4280

Conversions

Conversions Part 2

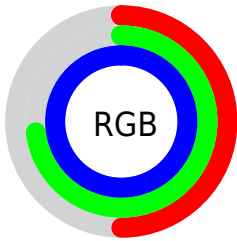
Format	Color
RYB	127, 168, 255
Decimal	8371199
CIELab	74.36, -1.04, -39.50
CIElCh	74, 39.512, 268.493
Yxy	47.2727, 0.2307, 0.2446
Android (android.graphics.Color)	4286561279 (0xFF7FBBFF)
YUV	176.8120, 38.5467, -43.6851
Hunter-Lab	68.7551, -4.6031, -39.2976

Details

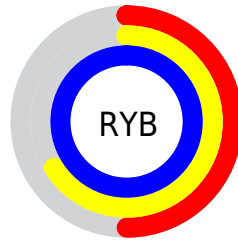
The Hex color **7FBBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC37F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAF3FF**, and **4286C6** is the 20% darker color. If you saturate the color by 10%, you get **66ADFF**, and if you desaturate by 10%, it is **99C9FF**.

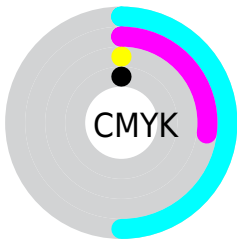
Distribution



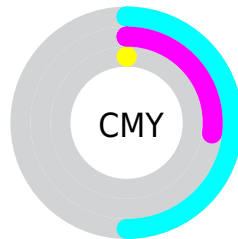
- Red (50%)
- Green (73%)
- Blue (100%)



- Red (50%)
- Yellow (66%)
- Blue (100%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FBBFF 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 7FBBFF by changing the saturation by 10% instead.

 7FBBFF

 7FBBFF

FFFFFF

 61A0E2

 BAF3FF

 4286C6

 D7FFFF

 1C6DAA

 F5FFFF

 005590

 003E76

 00295D

 001445

 00042E

 000118

 7FB8FF

 7FB8FF

 66ADFF

 99C9FF

 4CA0FF

 B2D6FF

 3392FF

 CCE4FF

 1985FF

 E5F1FF

 0078FF

FFFFFF

Harmonies

Analogous

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



3EC5F4



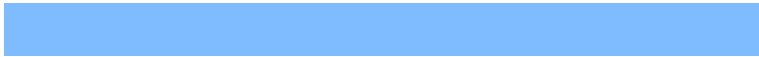
7FBBFF



B8AEF7

Triad

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



7FBBFF



FD9D96



80C790

Complementary

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



7FBBFF



FFC37F

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.



ABBF76



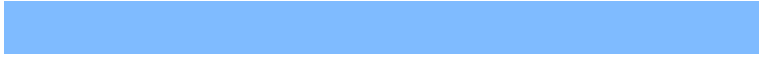
7FBBFF



EDA77A

Square

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



7FBBFF



FA9BBA



D1B46E



4FCAB4

Rectangle

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



7FBBFF



D7A5E7



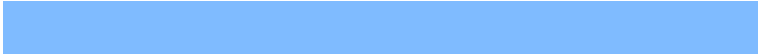
D1B46E



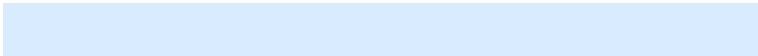
8FC586

Sweetspot

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



7FBBFF



D9EBFF



7FFFC1



697380



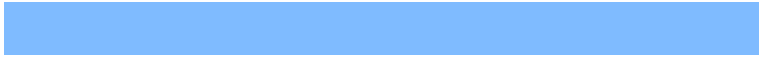
000000



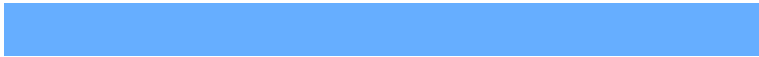
808080

Same Dimension

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



7FBBFF



66AEFF



817FFF



737980



005ABF



001E40

Inverse Universe

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



FF7FBB



FF66AE



FDF77F



807379



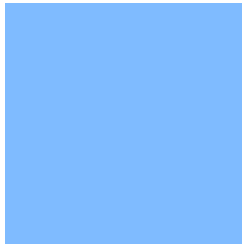
BF005A



40001E

Previews

White Background



This preview shows how the Hex color 7FBBFF looks on a white background.

Color Contrast Check

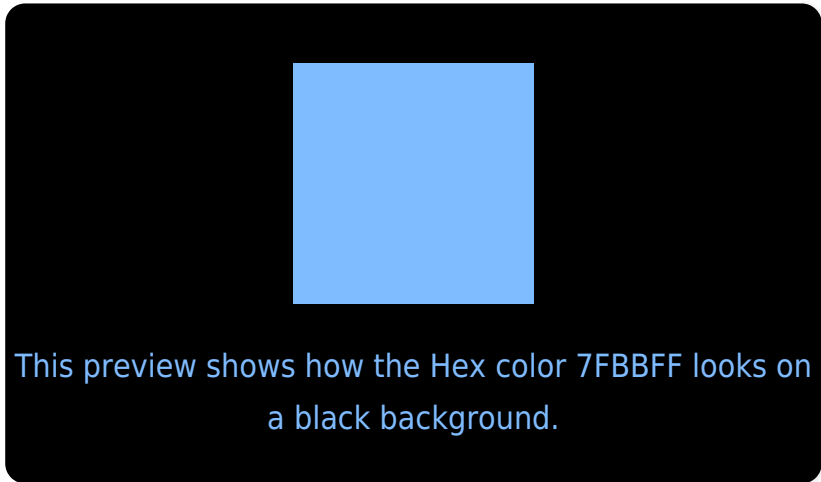
Large Text (above 18pt) WCAG AA × Fail

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

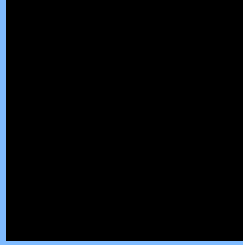
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

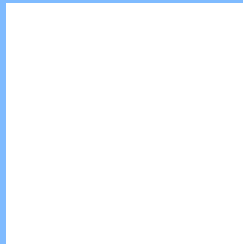
Any Text WCAG AAA ✓ Pass

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

Hex 7FBBFF Background



This preview shows how black text looks on a background with the Hex color 7FBBFF.



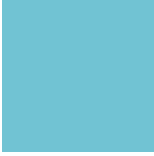
This preview shows how white text looks on a background with the Hex color 7FBBFF.

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](#).

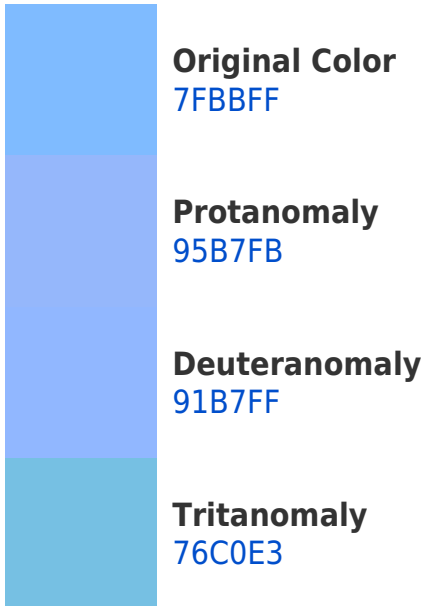
Dichromacy



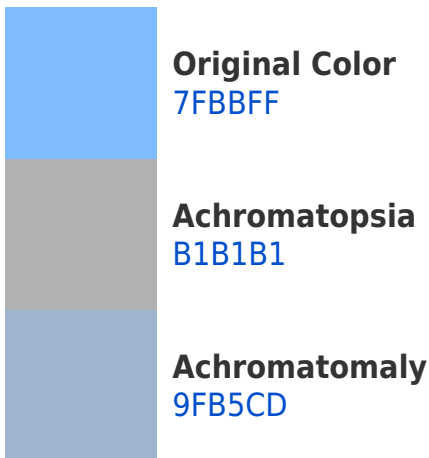


Tritanopia
71C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FBBFF 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 #7FBBFF looks like.

```
.text, #text, p{  
    color:#7FBBFF  
}
```

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 #7FBBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBBFF
}
```

Border

The CSS property to change the border of an element to Hex 7FBBFF 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
#7FBBFF }
```

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

```
.border{ border-color:#7FBBFF }
```

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

Here you see how a box with a 4 pixel #7FBBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBBFF; -webkit-box-shadow:4px 4px  
4px 4px #7FBBFF; box-shadow:4px 4px 4px  
4px #7FBBFF }
```

Background

The CSS property to change the background color of an element to Hex 7FBBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBBFF }
```

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

```
.background{ background-color:#7FBBFF }
```

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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