

Converting Colors

Hex(82BBFF)

Have a look what the booklet for
Hex(82BBFF) contains.

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Color

Hex(82BBFF)

Conversions

Conversions Part 1

Format	Color
Hex	82BBFF
RGB	130, 187, 255
RGB Percent	51%, 73%, 100%
CMY	0.4902, 0.2667, 0.0000
CMYK	0.49, 0.27, 0.00, 0.00
HSL	213°, 100%, 75%
HSV	213°, 49%, 100%
XYZ	45.0262, 47.5065, 101.4043
YIQ	177.7090, -55.8000, 9.0640

Conversions

Conversions Part 2

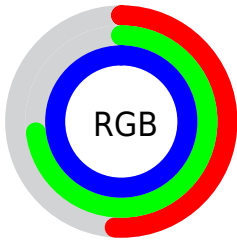
Format	Color
RYB	130, 169, 255
Decimal	8567807
CIELab	74.51, -0.37, -39.26
CIELCh	75, 39.257, 269.465
Yxy	47.5065, 0.2322, 0.2450
Android (android.graphics.Color)	4286757887 (0xFF82BBFF)
YUV	177.7090, 38.1045, -41.8408
Hunter-Lab	68.9249, -4.0109, -38.9816

Details

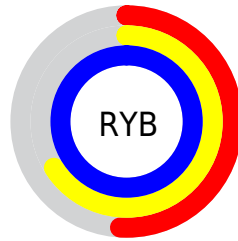
The Hex color **82BBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC682**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BCF3FF**, and **4686C6** is the 20% darker color. If you saturate the color by 10%, you get **69ADFF**, and if you desaturate by 10%, it is **9BC9FF**.

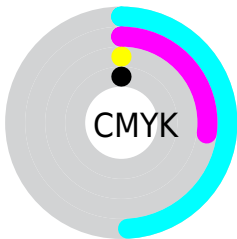
Distribution



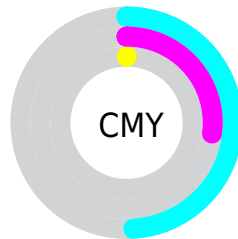
- Red (51%)
- Green (73%)
- Blue (100%)



- Red (51%)
- Yellow (66%)
- Blue (100%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82BBFF 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 82BBFF by changing the saturation by 10% instead.

 82BBFF

 82BBFF

FFFFFF

 65A0E2

 BCF3FF

 4686C6

 DAFFFF

 226DAA

 F8FFFF

 005590

 003E76

 00295D

 001445

 00042E

 000118

 82BBFF

 82BBFF

 69ADFF

 9BC9FF

 4F9FFF

 B5D7FF

 3591FF

 CFE5FF

 1C84FF

 E8F2FF

 0276FF

FFFFFF

 0074FF

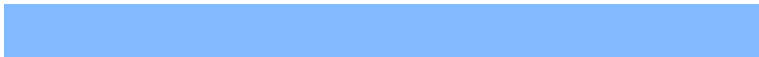
Harmonies

Analogous

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



43C5F5



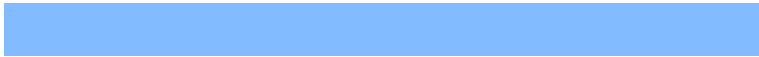
82BBFF



BBAEF6

Triad

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



82BBFF



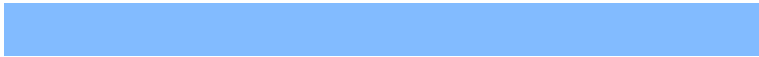
FD9E96



7FC791

Complementary

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



82BBFF



FFC682

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.



AAC077



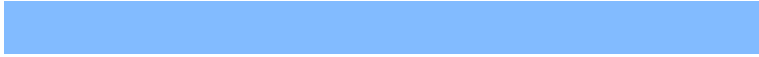
82BBFF



EDA87A

Square

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



82BBFF



FB9BB9



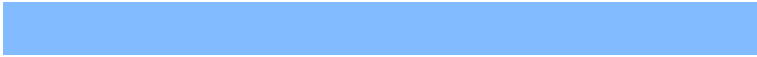
D0B56F



4FCBB5

Rectangle

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



82BBFF



D8A6E7



D0B56F



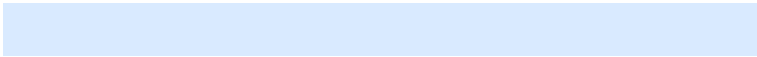
8EC587

Sweetspot

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



82BBFF



D9EAFF



82FFC5



697380



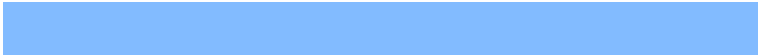
000000



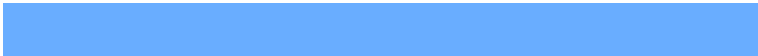
808080

Same Dimension

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



82BBFF



69ADFF



8682FF



737980



0057BF



001D40

Inverse Universe

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



FF82BB



FF69AD



FBFF82



807379



BF0057



40001D

Previews

White Background



This preview shows how the Hex color 82BBFF looks on a white background.

Color Contrast Check

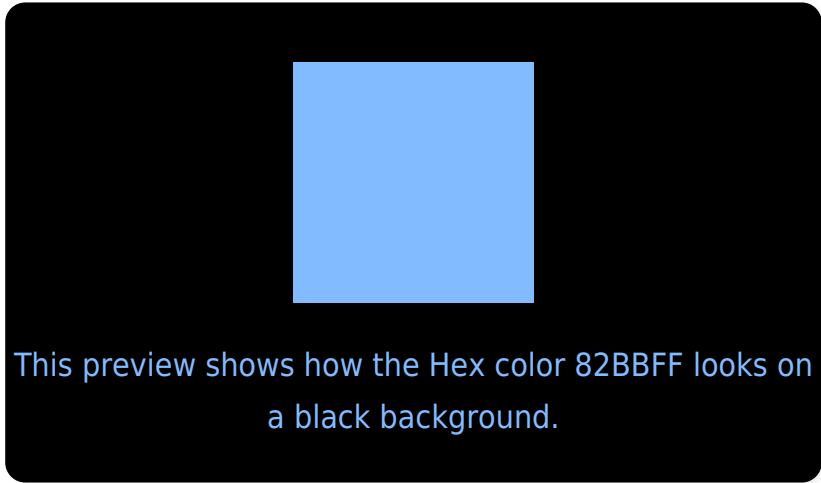
Large Text (above 18pt) WCAG AA × Fail

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

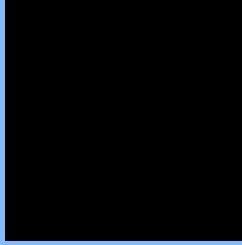
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

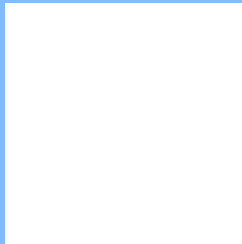
Any Text WCAG AAA ✓ Pass

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

Hex 82BBFF Background



This preview shows how black text looks on a background with the Hex color 82BBFF.

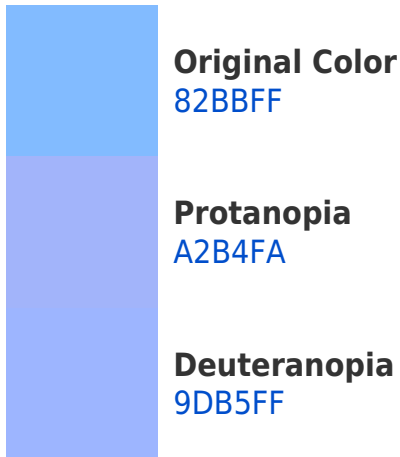


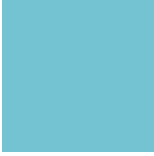
This preview shows how white text looks on a background with the Hex color 82BBFF.

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](#).

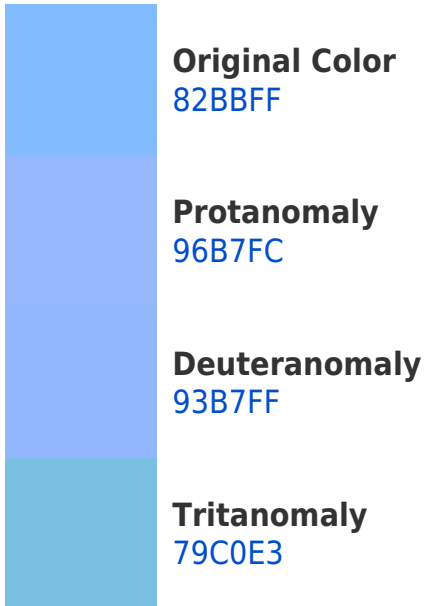
Dichromacy



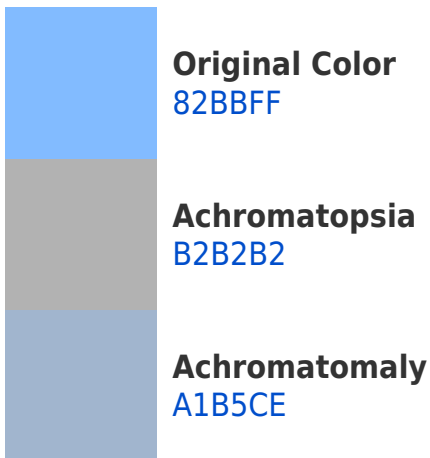


Tritanopia
74C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82BBFF 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 #82BBFF looks like.

```
.text, #text, p{  
    color:#82BBFF  
}
```

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 #82BBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BBFF
}
```

Border

The CSS property to change the border of an element to Hex 82BBFF 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
#82BBFF }
```

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

```
.border{ border-color:#82BBFF }
```

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

Here you see how a box with a 4 pixel #82BBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BBFF; -webkit-box-shadow:4px 4px  
4px 4px #82BBFF; box-shadow:4px 4px 4px  
4px #82BBFF }
```

Background

The CSS property to change the background color of an element to Hex 82BBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BBFF }
```

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

```
.background{ background-color:#82BBFF }
```

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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