

Converting Colors

Hex(4A8BFF)

Have a look what the booklet for
Hex(4A8BFF) contains.

Hex(4A8BFF)	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(4A8BFF)

Conversions

Conversions Part 1

Format	Color
Hex	4A8BFF
RGB	74, 139, 255
RGB Percent	29%, 55%, 100%
CMY	0.7098, 0.4549, 0.0000
CMYK	0.71, 0.45, 0.00, 0.00
HSL	218°, 100%, 65%
HSV	218°, 71%, 100%
XYZ	30.1067, 27.1411, 98.2597
YIQ	132.7890, -75.9760, 22.2960

Conversions

Conversions Part 2

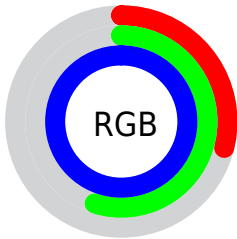
Format	Color
R _Y B	74, 122, 255
Decimal	4885503
CIE Lab	59.10, 17.11, -63.78
CIE LCh	59, 66.036, 285.015
Yxy	27.1411, 0.1936, 0.1745
Android (android.graphics.Color)	4283075583 (0xFF4A8BFF)
YUV	132.7890, 60.2500, -51.5580
Hunter-Lab	52.0971, 11.9843, -75.3582

Details

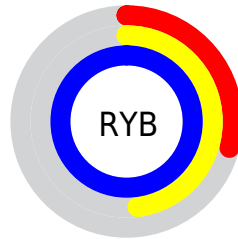
The Hex color **4A8BFF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FFBE4A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8EC0FF**, and **005AC5** is the 20% darker color. If you saturate the color by 10%, you get **317BFF**, and if you desaturate by 10%, it is **649BFF**.

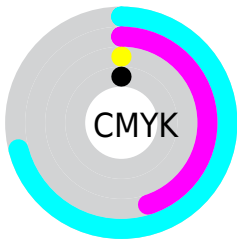
Distribution



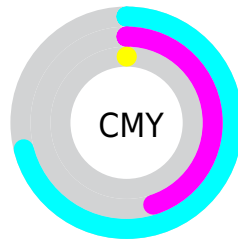
- Red (29%)
- Green (55%)
- Blue (100%)



- Red (29%)
- Yellow (48%)
- Blue (100%)



- Cyan (71%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A8BFF 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 4A8BFF by changing the saturation by 10% instead.

 4A8BFF

 4A8BFF

FFFFFF

 1772E2

 8EC0FF

 005AC5

 ADDCFF

 0043AA

 CCF8FF

 002E8F

 EBFFFF

 001C74

 00035B

 000742

 00032B

 000116

■ 4A8BFF

■ 4A8BFF

■ 317BFF

■ 649BFF

■ 176AFF

■ 7DACFF

■ 005CFF

■ 97BCFF

■ B0CCFF

■ CADDFF

■ E3EDFF

■ FDFDFF

FFFFFF

Harmonies

Analogous

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



009DFF



4A8BFF



B571E1

Triad

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



4A8BFF



E7683E



00A76E

Complementary

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



4A8BFF



FFBE4A

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.



4AA135



4A8BFF



C28107

Square

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



4A8BFF



F65474



8F9500



00A9AB

Rectangle

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



4A8BFF



DB5FC0



8F9500



00A65A

Sweetspot

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



4A8BFF



C9DDFF



4AFFBD



606B80



000000



808080

Same Dimension

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



4A8BFF



2674FF



624AFF



737780



0045BF



001740

Inverse Universe

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



FF4A8B



FF2674



E7FF4A



807377



BF0045



400017

Previews

White Background



This preview shows how the Hex color 4A8BFF looks on a white background.

Color Contrast Check

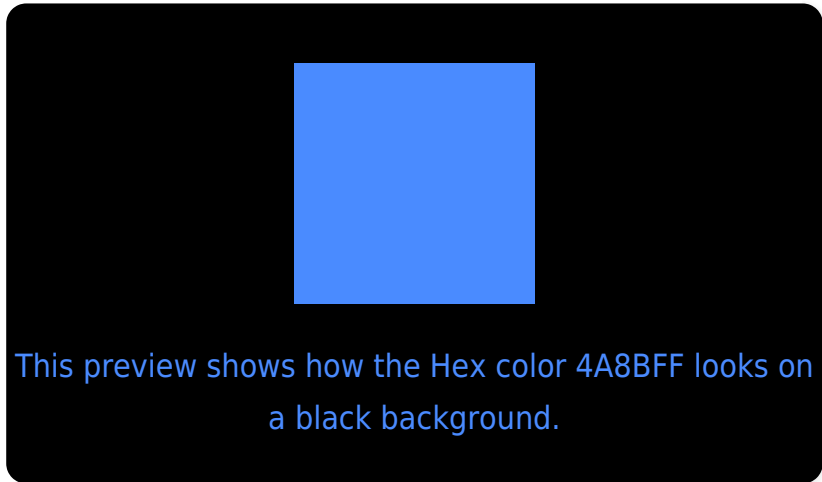
Large Text (above 18pt) WCAG AA ✓ Pass

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

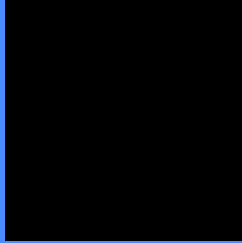
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

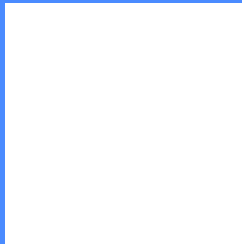
Any Text WCAG AAA × Fail

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

Hex 4A8BFF Background



This preview shows how black text looks on a background with the Hex color 4A8BFF.



This preview shows how white text looks on a background with the Hex color 4A8BFF.

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](#).

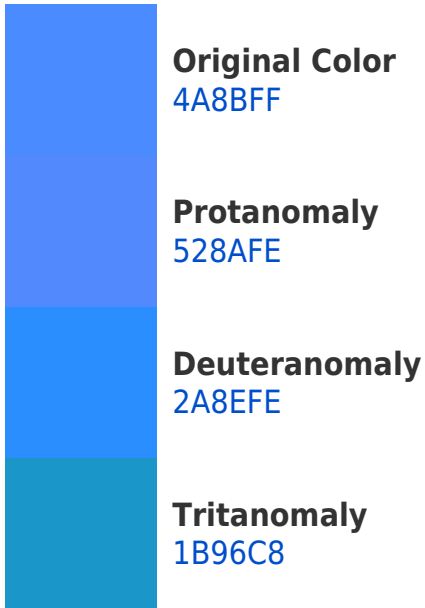
Dichromacy





Tritanopia
009DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A8BFF 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 #4A8BFF looks like.

```
.text, #text, p{  
    color:#4A8BFF  
}
```

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 #4A8BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8BFF
}
```

Border

The CSS property to change the border of an element to Hex 4A8BFF 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
#4A8BFF }
```

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

```
.border{ border-color:#4A8BFF }
```

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

Here you see how a box with a 4 pixel #4A8BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8BFF; -webkit-box-shadow:4px 4px  
4px 4px #4A8BFF; box-shadow:4px 4px 4px  
4px #4A8BFF }
```

Background

The CSS property to change the background color of an element to Hex 4A8BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8BFF }
```

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

```
.background{ background-color:#4A8BFF }
```

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