

Converting Colors

Hex(8CAAFF)

Have a look what the booklet for
Hex(8CAAFF) contains.

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Color

Hex(8CAAFF)

Conversions

Conversions Part 1

Format	Color
Hex	8CAAFF
RGB	140, 170, 255
RGB Percent	55%, 67%, 100%
CMY	0.4510, 0.3333, 0.0000
CMYK	0.45, 0.33, 0.00, 0.00
HSL	224°, 100%, 77%
HSV	224°, 45%, 100%
XYZ	43.2399, 41.5449, 100.3477
YIQ	170.7200, -45.1650, 20.0750

Conversions

Conversions Part 2

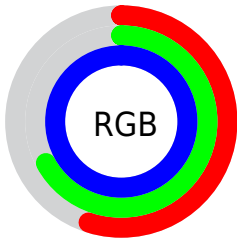
Format	Color
RYB	140, 164, 255
Decimal	9218815
CIELab	70.56, 11.46, -45.40
CIElCh	71, 46.822, 284.172
Yxy	41.5449, 0.2336, 0.2244
Android (android.graphics.Color)	4287408895 (0xFF8CAAFF)
YUV	170.7200, 41.5500, -26.9414
Hunter-Lab	64.4553, 6.9501, -47.1873

Details

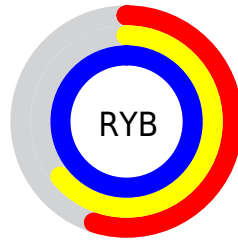
The Hex color **8CAAFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE18C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C6E1FF**, and **5276C6** is the 20% darker color. If you saturate the color by 10%, you get **7397FF**, and if you desaturate by 10%, it is **A6BDFF**.

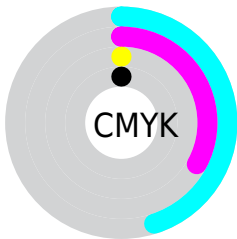
Distribution



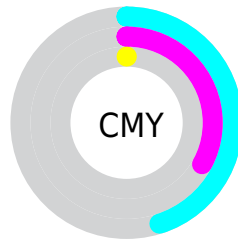
- Red (55%)
- Green (67%)
- Blue (100%)



- Red (55%)
- Yellow (64%)
- Blue (100%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CAAFF 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 8CAAFF by changing the saturation by 10% instead.

 8CAAFF

 8CAAFF

FFFFFF

 6F90E2

 C6E1FF

 5276C6

 E3FEFF

 335EAA

 04478F

 003175

 001D5C

 000144

 00032D

 000117

 8CAAFF

 8CAAFF

 7397FF

 A6BDFE

 5984FF

 BFD0FF

 4071FF

 D9E3FF

 265FFF

 F2F5FF

 0D4CFF

FFFFFF

 0043FF

Harmonies

Analogous

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



22B7FE



8CAAFF



CA9AEA

Triad

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



8CAAFF



F59373



45C194

Complementary

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



8CAAFF



FFE18C

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.



83BB6E



8CAAFF



DAA25A

Square

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



8CAAFF



FE8A9A



B3B157



00C3C0

Rectangle

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



8CAAFF



E690D2



B3B157



5DC086

Sweetspot

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



8CAAFF



DBE5FF



8CFFE0



6A6F80



000000



808080

Same Dimension

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



8CAAFF



7599FF



A78CFF



737680



0032BF



001140

Inverse Universe

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



FF8CAA



FF7599



E4FF8C



807376



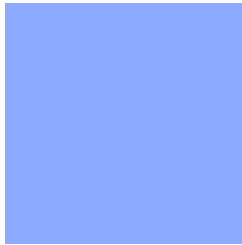
BF0032



400011

Previews

White Background



This preview shows how the Hex color 8CAAFF looks on a white background.

Color Contrast Check

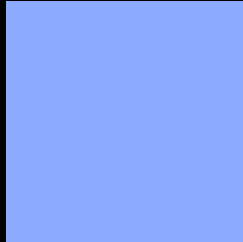
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8CAAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

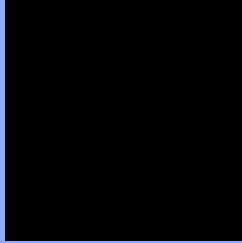
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

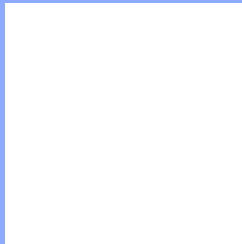
Any Text WCAG AAA ✓ Pass

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

Hex 8CAAFF Background



This preview shows how black text looks on a background with the Hex color 8CAAFF.



This preview shows how white text looks on a background with the Hex color 8CAAFF.

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](#).

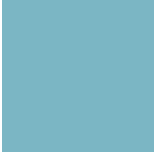
Dichromacy



Original Color
8CAAFF

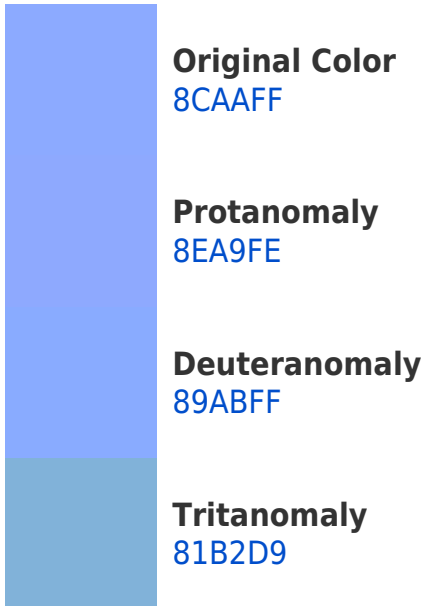
Protanopia
8FA9FE

Deuteranopia
88ABFF

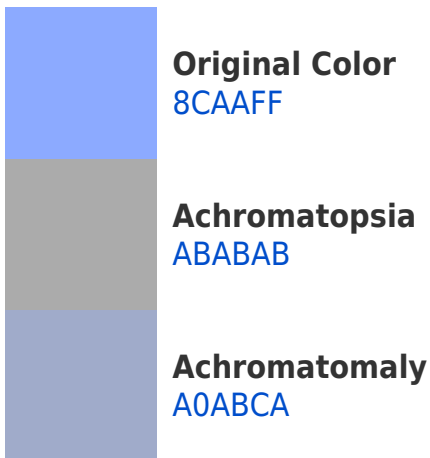


Tritanopia
7BB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CAAFF 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 #8CAAFF looks like.

```
.text, #text, p{  
    color:#8CAAFF  
}
```

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 #8CAAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CAAFF
}
```

Border

The CSS property to change the border of an element to Hex 8CAAFF 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
#8CAAFF }
```

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

```
.border{ border-color:#8CAAFF }
```

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

Here you see how a box with a 4 pixel #8CAAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CAAFF; -webkit-box-shadow:4px 4px  
4px 4px #8CAAFF; box-shadow:4px 4px 4px  
4px #8CAAFF }
```

Background

The CSS property to change the background color of an element to Hex 8CAAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CAAFF }
```

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

```
.background{ background-color:#8CAAFF }
```

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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