

Converting Colors

Hex(5F8AFF)

Have a look what the booklet for
Hex(5F8AFF) contains.

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Color

Hex(5F8AFF)

Conversions

Conversions Part 1

Format	Color
Hex	5F8AFF
RGB	95, 138, 255
RGB Percent	37%, 54%, 100%
CMY	0.6275, 0.4588, 0.0000
CMYK	0.63, 0.46, 0.00, 0.00
HSL	224°, 100%, 69%
HSV	224°, 63%, 100%
XYZ	31.8578, 27.8299, 98.3004
YIQ	138.4810, -63.1850, 27.2710

Conversions

Conversions Part 2

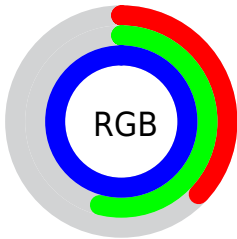
Format	Color
RYB	95, 129, 255
Decimal	6261503
CIELab	59.73, 20.88, -62.72
CIELCh	60, 66.105, 288.410
Yxy	27.8299, 0.2016, 0.1762
Android (android.graphics.Color)	4284451583 (0xFF5F8AFF)
YUV	138.4810, 57.4439, -38.1328
Hunter-Lab	52.7540, 15.4754, -73.5515

Details

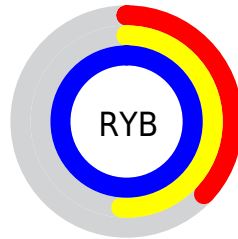
The Hex color **5F8AFF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFD45F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9EBFFF**, and **0059C5** is the 20% darker color. If you saturate the color by 10%, you get **4577FF**, and if you desaturate by 10%, it is **799DFF**.

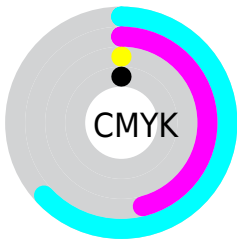
Distribution



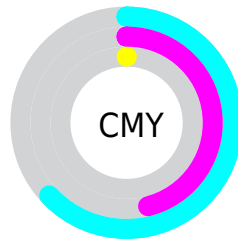
- Red (37%)
- Green (54%)
- Blue (100%)



- Red (37%)
- Yellow (51%)
- Blue (100%)



- Cyan (63%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8AFF 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 5F8AFF by changing the saturation by 10% instead.

 5F8AFF

 5F8AFF

FFFFFF

 3B71E2

 9EBFFF

 0059C5

 BCDBFF

 0042AA

 DBF7FF

 002D8F

 FAFFFF

 001A74

 00005B

 000742

 00032B

 000116

■ 5F8AFF

■ 5F8AFF

■ 4577FF

■ 799DFF

■ 2C65FF

■ 92AFFF

■ 1252FF

■ ACC2FF

■ 0045FF

■ C5D5FF

■ DFE7FF

■ F8AFFF

FFFFFF

Harmonies

Analogous

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



009DFF



5F8AFF



BF70DE

Triad

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



5F8AFF



E56C39



00A977

Complementary

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



5F8AFF



FFD45F

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.



40A43D



5F8AFF



BF8503

Square

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



5F8AFF



F8576F



8A9801



00ABB3

Rectangle

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



5F8AFF



E25EBC



8A9801



00A863

Sweetspot

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



5F8AFF



CFDCFF



5FFFD2



626A80



000000



808080

Same Dimension

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



5F8AFF



4073FF



825FFF



737680



0033BF



001140

Inverse Universe

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



FF5F8A



FF4073



DCFF5F



807376



BF0033



400011

Previews

White Background



This preview shows how the Hex color 5F8AFF looks on a white background.

Color Contrast Check

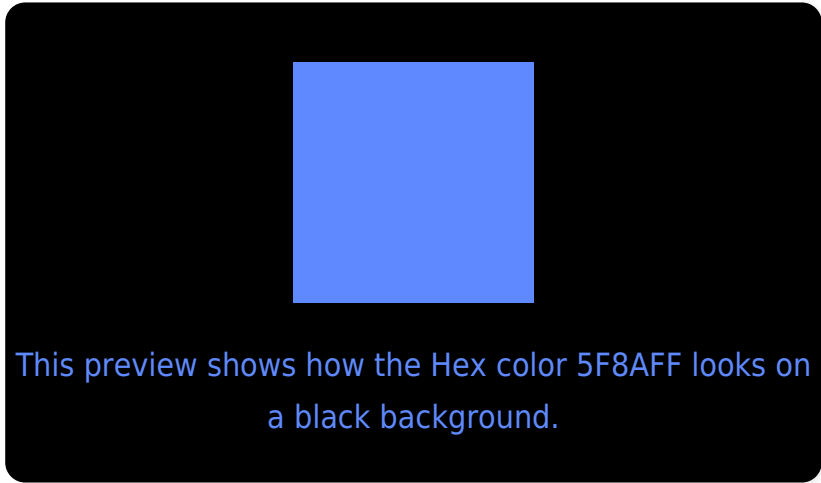
Large Text (above 18pt) WCAG AA ✓ Pass

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

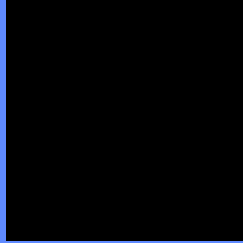
Any Text WCAG AA ✓ Pass

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 5F8AFF Background



This preview shows how black text looks on a background with the Hex color 5F8AFF.

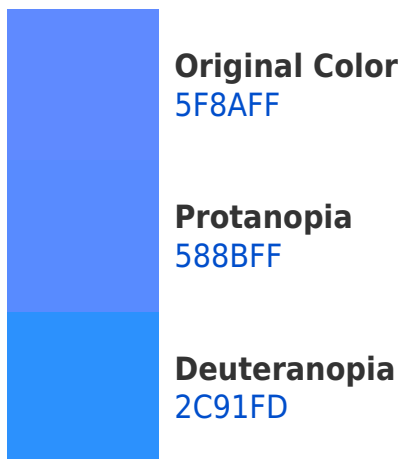


This preview shows how white text looks on a background with the Hex color 5F8AFF.

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](#).

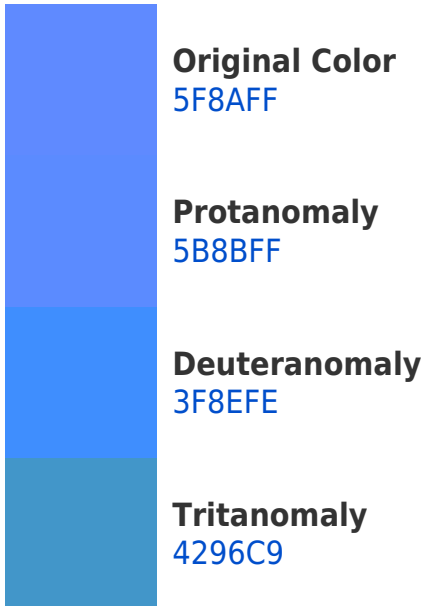
Dichromacy



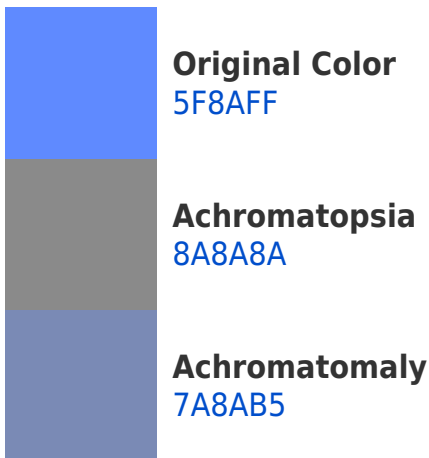


Tritanopia
329DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8AFF 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 #5F8AFF looks like.

```
.text, #text, p{  
  color:#5F8AFF  
}
```

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 #5F8AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8AFF
}
```

Border

The CSS property to change the border of an element to Hex 5F8AFF 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
#5F8AFF }
```

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

```
.border{ border-color:#5F8AFF }
```

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

Here you see how a box with a 4 pixel #5F8AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8AFF; -webkit-box-shadow:4px 4px  
4px 4px #5F8AFF; box-shadow:4px 4px 4px  
4px #5F8AFF }
```

Background

The CSS property to change the background color of an element to Hex 5F8AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8AFF }
```

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

```
.background{ background-color:#5F8AFF }
```

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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