

Converting Colors

Hex(5587F8)

Have a look what the booklet for
Hex(5587F8) contains.

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Color

Hex(5587F8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5587F8 |
| RGB | 85, 135, 248 |
| RGB Percent | 33%, 53%, 97% |
| CMY | 0.6667, 0.4706, 0.0275 |
| CMYK | 0.66, 0.46, 0.00, 0.03 |
| HSL | 222°, 92%, 65% |
| HSV | 222°, 66%, 97% |
| XYZ | 29.3536, 26.0366, 92.2854 |
| YIQ | 132.9320, -66.0730, 24.5430 |

Conversions

Conversions Part 2

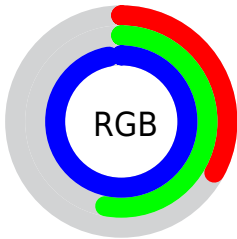
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 85, 123, 248 |
| Decimal | 5605368 |
| CIE Lab | 58.07, 18.69, -61.56 |
| CIE LCh | 58, 64.339, 286.892 |
| Yxy | 26.0366, 0.1988, 0.1763 |
| Android (android.graphics.Color) | 4283795448 (0xFF5587F8) |
| YUV | 132.9320, 56.7285, -42.0364 |
| Hunter-Lab | 51.0260, 13.3895, -71.5134 |

Details

The Hex color **5587F8** 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 **F8C655**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **95BCFF**, and **0056BF** is the 20% darker color. If you saturate the color by 10%, you get **3C76F8**, and if you desaturate by 10%, it is **6E98F8**.

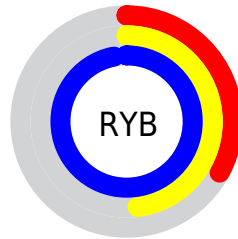
Distribution



Red (33%)

Green (53%)

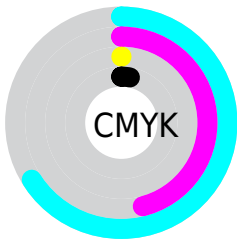
Blue (97%)



Red (33%)

Yellow (48%)

Blue (97%)

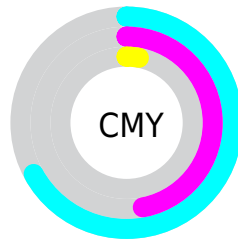


Cyan (66%)

Magenta (46%)

Yellow (0%)

Black (3%)



Cyan (67%)

Magenta (47%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5587F8 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 5587F8 by changing the saturation by 10% instead.

 5587F8

 5587F8

FFFFFF

 2E6EDB

 95BCFF

 0056BF

 B4D7FF

 0040A3

 D2F4FF

 002B88

 F1FFFF

 00186E

 000455

 00063D

 000326

 00010F

■ 5587F8

■ 5587F8

■ 3C76F8

■ 6E98F8

■ 2365F8

■ 87A9F8

■ 0B53F8

■ 9FBBF8

■ 004CF8

■ B8CCF8

■ D1DDF8

■ EAEEF8

■ FFFFF8

Harmonies

Analogous

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



0099F9



5587F8



B66ED9

Triad

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



5587F8



E0683A



00A470

Complementary

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



5587F8



F8C655

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.



449E38



5587F8



BB8007

Square

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



5587F8



F0546E



899300



00A6AB

Rectangle

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



5587F8



D95DB9



899300



00A35D

Sweetspot

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



5587F8



CCDCFF



55F8C4



616A80



000000



808080

Same Dimension

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



5587F8



3673FF



7355F8



70747D



003ABD



00133D

Inverse Universe

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



F85587



FF3673



DAF855



7D7074



BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 5587F8 looks on a white background.

Color Contrast Check

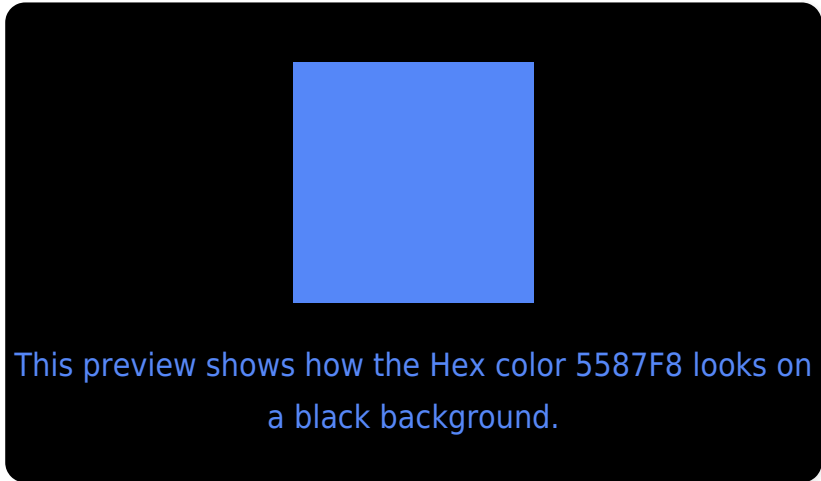
Large Text (above 18pt) WCAG AA ✓ Pass

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

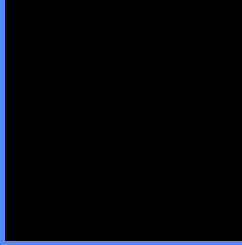
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

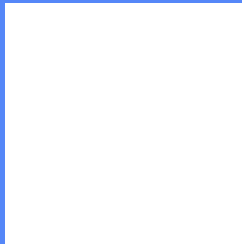
Any Text WCAG AAA × Fail

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

Hex 5587F8 Background



This preview shows how black text looks on a background with the Hex color 5587F8.



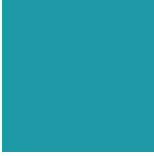
This preview shows how white text looks on a background with the Hex color 5587F8.

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](#).

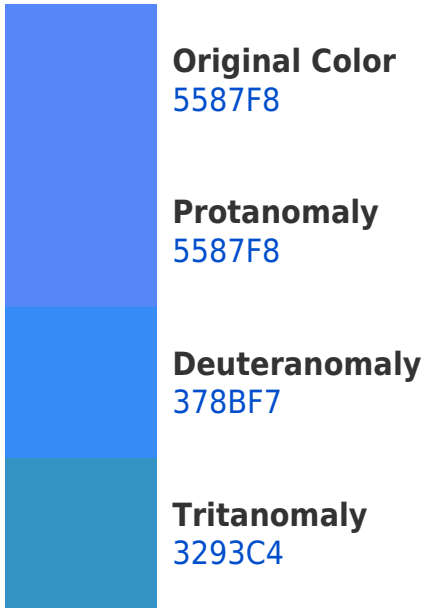
Dichromacy





Tritanopia
1E9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5587F8 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 #5587F8 looks like.

```
.text, #text, p{  
    color:#5587F8  
}
```

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 #5587F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5587F8  
}
```

Border

The CSS property to change the border of an element to Hex 5587F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

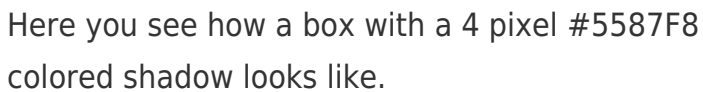
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5587F8 }
```

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

```
.border{ border-color:#5587F8 }
```

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



Here you see how a box with a 4 pixel #5587F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5587F8; -webkit-box-shadow:4px 4px  
4px 4px #5587F8; box-shadow:4px 4px 4px  
4px #5587F8 }
```

Background

The CSS property to change the background color of an element to Hex 5587F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5587F8 }
```

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

```
.background{ background-color:#5587F8 }
```

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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