

Converting Colors

Hex(5095F8)

Have a look what the booklet for
Hex(5095F8) contains.

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Color

Hex(5095F8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5095F8 |
| RGB | 80, 149, 248 |
| RGB Percent | 31%, 58%, 97% |
| CMY | 0.6863, 0.4157, 0.0275 |
| CMYK | 0.68, 0.40, 0.00, 0.03 |
| HSL | 215°, 92%, 64% |
| HSV | 215°, 68%, 97% |
| XYZ | 30.9990, 29.9777, 92.9594 |
| YIQ | 139.6550, -72.9030, 16.1610 |

Conversions

Conversions Part 2

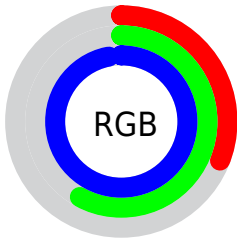
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 80, 129, 248 |
| Decimal | 5281272 |
| CIE Lab | 61.63, 9.54, -55.88 |
| CIE LCh | 62, 56.687, 279.685 |
| Yxy | 29.9777, 0.2014, 0.1947 |
| Android (android.graphics.Color) | 4283471352 (0xFF5095F8) |
| YUV | 139.6550, 53.4141, -52.3174 |
| Hunter-Lab | 54.7519, 5.2460, -62.3380 |

Details

The Hex color **5095F8** 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 **F8B350**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **91CBFF**, and **0063BF** is the 20% darker color. If you saturate the color by 10%, you get **3786F8**, and if you desaturate by 10%, it is **69A4F8**.

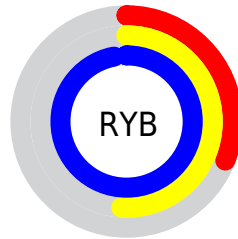
Distribution



Red (31%)

Green (58%)

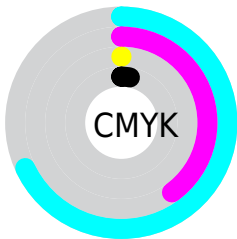
Blue (97%)



Red (31%)

Yellow (51%)

Blue (97%)

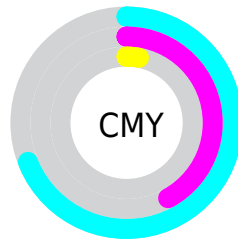


Cyan (68%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (69%)

Magenta (42%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5095F8 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 5095F8 by changing the saturation by 10% instead.

 5095F8

 5095F8

FFFFFF

 267BDB

 91CBFF

 0063BF

 B0E7FF

 004CA3

 CEFFFF

 003689


 EDFFFF

 00226F

 000A56

 00063D

 000327

 000110

■ 5095F8

■ 5095F8

■ 3786F8

■ 69A4F8

■ 1E78F8

■ 82B2F8

■ 0669F8

■ 9AC1F8

■ 0066F8

■ B3CFF8

■ CCDEF8

■ E5EDF8

■ FEFBF8

■ FFFFF8

Harmonies

Analogous

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



00A4F3



5095F8



AD81E3

Triad

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



5095F8



E87257



00AB70

Complementary

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



5095F8



F8B350

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.



6AA443



5095F8



CB8633

Square

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



5095F8



F16787



A09828



00ADA4

Rectangle

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



5095F8



D173C8



A09828



34A960

Sweetspot

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



5095F8



CCE1FF



50F8B2



616D80



000000



808080

Same Dimension

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



5095F8



3085FF



5E50F8



70767D



004EBD



00193D

Inverse Universe

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



F85095



FF3085



EAF850



7D7076



BD004E



3D0019

Previews

White Background



This preview shows how the Hex color 5095F8 looks on a white background.

Color Contrast Check

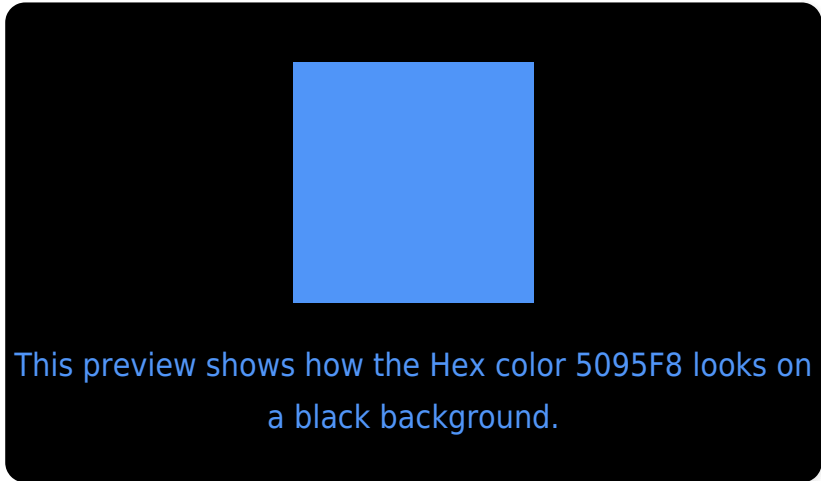
Large Text (above 18pt) WCAG AA ✓ Pass

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

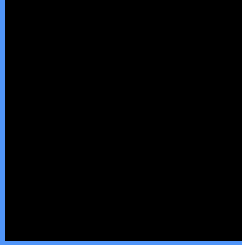
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

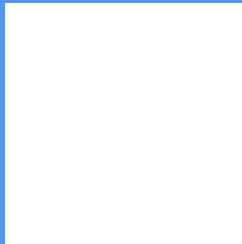
Any Text WCAG AAA ✓ Pass

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

Hex 5095F8 Background



This preview shows how black text looks on a background with the Hex color 5095F8.

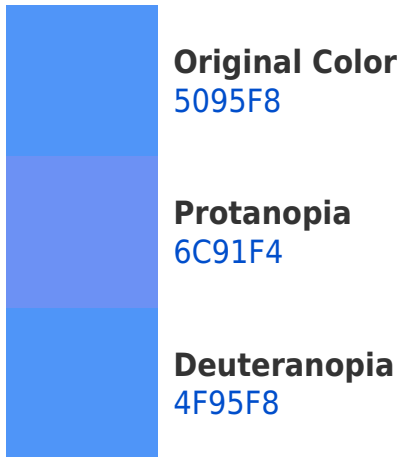


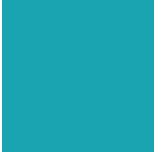
This preview shows how white text looks on a background with the Hex color 5095F8.

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](#).

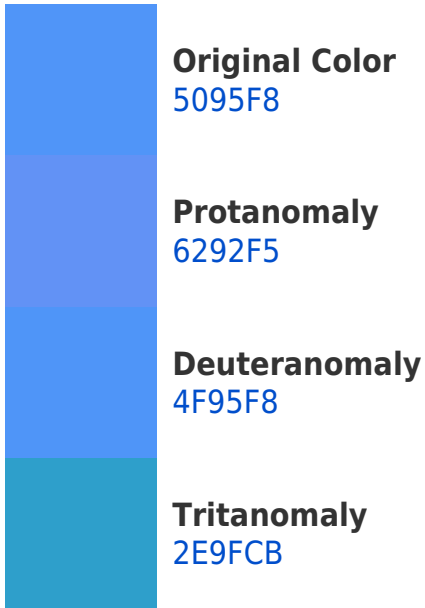
Dichromacy





Tritanopia
1AA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5095F8 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 #5095F8 looks like.

```
.text, #text, p{  
    color:#5095F8  
}
```

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 #5095F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5095F8
}
```

Border

The CSS property to change the border of an element to Hex 5095F8 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
#5095F8 }
```

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

```
.border{ border-color:#5095F8 }
```

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

Here you see how a box with a 4 pixel #5095F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5095F8; -webkit-box-shadow:4px 4px  
4px 4px #5095F8; box-shadow:4px 4px 4px  
4px #5095F8 }
```

Background

The CSS property to change the background color of an element to Hex 5095F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5095F8 }
```

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

```
.background{ background-color:#5095F8 }
```

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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