

Converting Colors

Hex(5993F4)

Have a look what the booklet for
Hex(5993F4) contains.

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Color

Hex(5993F4)

Conversions

Conversions Part 1

Format	Color
Hex	5993F4
RGB	89, 147, 244
RGB Percent	35%, 58%, 96%
CMY	0.6510, 0.4235, 0.0431
CMYK	0.64, 0.40, 0.00, 0.04
HSL	218°, 88%, 65%
HSV	218°, 64%, 96%
XYZ	30.8827, 29.5229, 89.6588
YIQ	140.7160, -65.7050, 17.8710

Conversions

Conversions Part 2

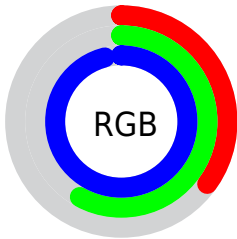
Format	Color
R _Y B	89, 131, 244
Decimal	5870580
CIE _{Lab}	61.24, 10.81, -54.29
CIE _{LCh}	61, 55.352, 281.258
Yxy	29.5229, 0.2058, 0.1967
Android (android.graphics.Color)	4284060660 (0xFF5993F4)
YUV	140.7160, 50.9190, -45.3549
Hunter-Lab	54.3350, 6.3687, -59.8005

Details

The Hex color **5993F4** 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 **F4BA59**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **97C9FF**, and **0061BB** is the 20% darker color. If you saturate the color by 10%, you get **4184F4**, and if you desaturate by 10%, it is **71A2F4**.

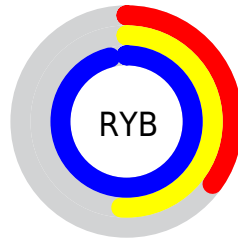
Distribution



Red (35%)

Green (58%)

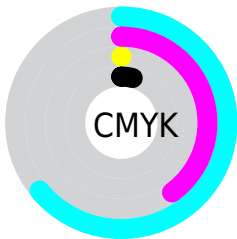
Blue (96%)



Red (35%)

Yellow (51%)

Blue (96%)

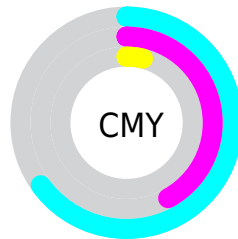


Cyan (64%)

Magenta (40%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (42%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5993F4 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 5993F4 by changing the saturation by 10% instead.

■ 5993F4

■ 5993F4

FFFFFF

■ 357AD7

■ 97C9FF

■ 0061BB

■ B6E4FF

■ 004AA0

■ D4FFFF

■ 003485

■ F2FFFF

■ 00206B

■ 000752

■ 00063A

■ 000224

■ 00000B

■ 5993F4

■ 5993F4

■ 4184F4

■ 71A2F4

■ 2874F4

■ 8AB2F4

■ 1065F4

■ A2C1F4

■ 005BF4

■ BBD0F4

■ D3DFF4

■ EB EFF4

■ FF EF4

■ FF FF4

Harmonies

Analogous

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



00A2F0



5993F4



AF7FDE

Triad

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



5993F4



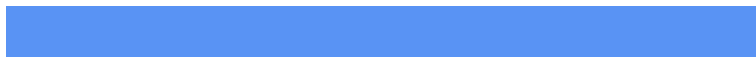
E47356



00AA73

Complementary

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



5993F4



F4BA59

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.



67A346



5993F4



C78634

Square

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



5993F4



EE6783



9D972B



00ACA5

Rectangle

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



5993F4



D172C4



9D972B



31A863

Sweetspot

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



5993F4



CFE1FF



59F4B9



626D80



000000



808080

Same Dimension

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



5993F4



3D86FF



6B59F4



6E737A



0046BA



00163B

Inverse Universe

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



F45993



FF3D86



E2F459



7A6E73



BA0046



3B0016

Previews

White Background



This preview shows how the Hex color 5993F4 looks on a white background.

Color Contrast Check

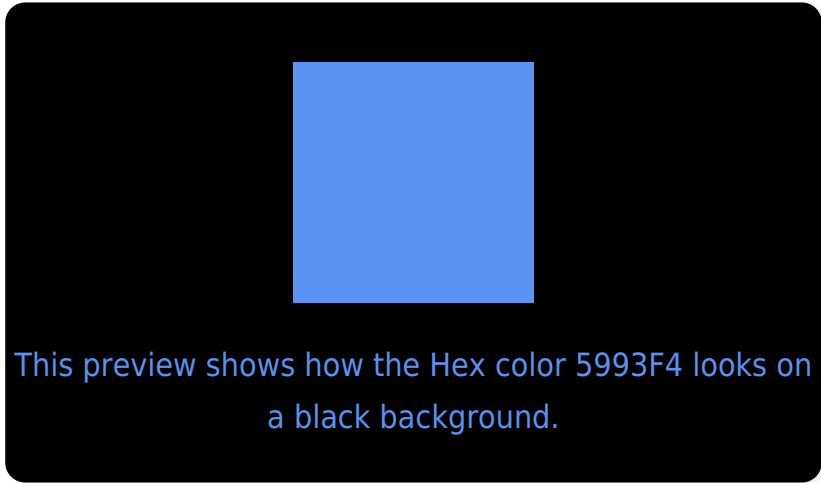
Large Text (above 18pt) WCAG AA ✓ Pass

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

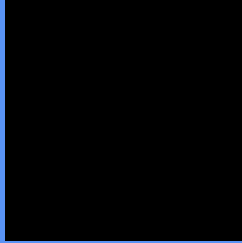
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

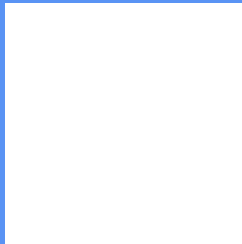
Any Text WCAG AAA × Fail

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

Hex 5993F4 Background



This preview shows how black text looks on a background with the Hex color 5993F4.



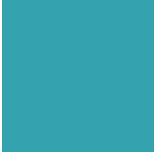
This preview shows how white text looks on a background with the Hex color 5993F4.

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](#).

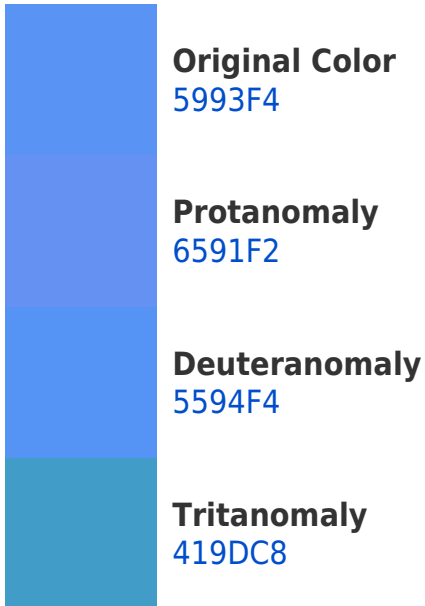
Dichromacy



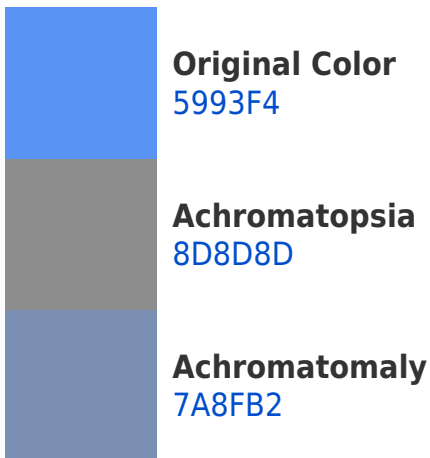


Tritanopia
34A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5993F4 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 #5993F4 looks like.

```
.text, #text, p{  
    color:#5993F4  
}
```

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 #5993F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5993F4
}
```

Border

The CSS property to change the border of an element to Hex 5993F4 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
#5993F4 }
```

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

```
.border{ border-color:#5993F4 }
```

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

Here you see how a box with a 4 pixel #5993F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5993F4; -webkit-box-shadow:4px 4px  
4px 4px #5993F4; box-shadow:4px 4px 4px  
4px #5993F4 }
```

Background

The CSS property to change the background color of an element to Hex 5993F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5993F4 }
```

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

```
.background{ background-color:#5993F4 }
```

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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