

Converting Colors

Hex(4988FF)

Have a look what the booklet for
Hex(4988FF) contains.

Hex(4988FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4988FF)

Conversions

Conversions Part 1

Format	Color
Hex	4988FF
RGB	73, 136, 255
RGB Percent	29%, 53%, 100%
CMY	0.7137, 0.4667, 0.0000
CMYK	0.71, 0.47, 0.00, 0.00
HSL	219°, 100%, 64%
HSV	219°, 71%, 100%
XYZ	29.6018, 26.2448, 98.1133
YIQ	130.7290, -75.7470, 23.6530

Conversions

Conversions Part 2

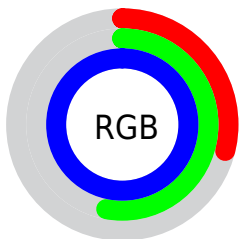
Format	Color
R _Y B	73, 120, 255
Decimal	4819199
CIE Lab	58.27, 18.80, -65.13
CIE LCh	58, 67.784, 286.099
Yxy	26.2448, 0.1923, 0.1705
Android (android.graphics.Color)	4283009279 (0xFF4988FF)
YUV	130.7290, 61.2656, -50.6283
Hunter-Lab	51.2297, 13.4900, -77.6894

Details

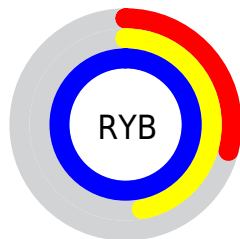
The Hex color **4988FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FFC049**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8DBDFF**, and **0057C5** is the 20% darker color. If you saturate the color by 10%, you get **3077FF**, and if you desaturate by 10%, it is **6299FF**.

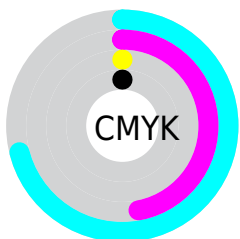
Distribution



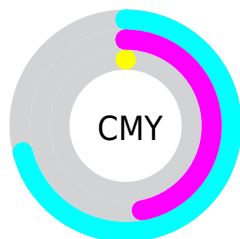
- Red (29%)
- Green (53%)
- Blue (100%)



- Red (29%)
- Yellow (47%)
- Blue (100%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4988FF 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 4988FF by changing the saturation by 10% instead.

 4988FF

 4988FF

FFFFFF

 146FE2

 8DBDFF

 0057C5

 ADD8FF

 0041AA

 CCF5FF

 002C8E

 EBFFFF

 001A74

 00055B

 000742

 00032B

 000115

■ 4988FF

■ 4988FF

■ 3077FF

■ 6299FF

■ 1667FF

■ 7CA9FF

■ 0058FF

■ 95BAFF

■ AFCBFF

■ C9DBFF

■ E2ECFF

■ FBFDFD

FFFFFF

Harmonies

Analogous

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



009BFF



4988FF



B6DDF

Triad

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



4988FF



E56538



00A66D

Complementary

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



4988FF



FFC049

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.



419F32



4988FF



BF7F00

Square

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



4988FF



F54F6F



8A9300



00A7AB

Rectangle

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



4988FF



DC5ABD



8A9300



00A459

Sweetspot

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



4988FF



C9DCFF



49FFBF



606B80



000000



808080

Same Dimension

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



4988FF



2470FF



6449FF



737780



0042BF



001640

Inverse Universe

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



FF4988



FF2470



E4FF49



807377



BF0042



400016

Previews

White Background



This preview shows how the Hex color 4988FF looks on a white background.

Color Contrast Check

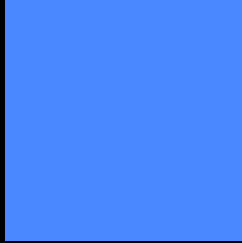
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4988FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

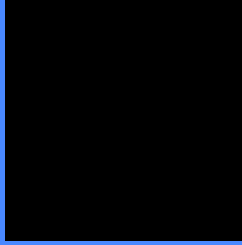
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

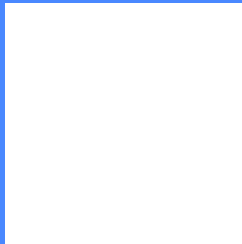
Any Text WCAG AAA × Fail

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

Hex 4988FF Background



This preview shows how black text looks on a background with the Hex color 4988FF.



This preview shows how white text looks on a background with the Hex color 4988FF.

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](#).

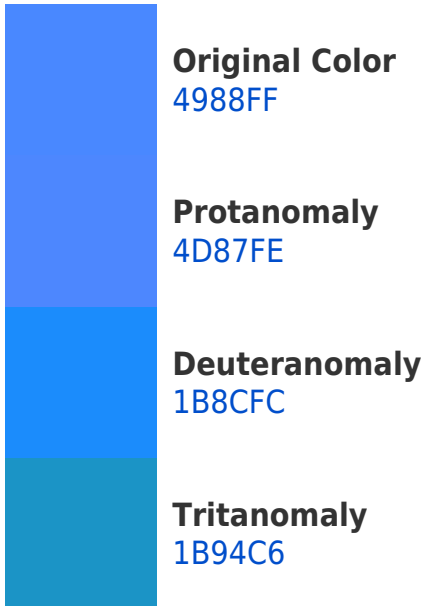
Dichromacy



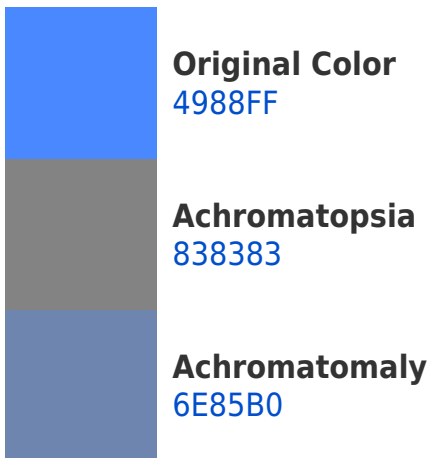


Tritanopia
009BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4988FF 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 #4988FF looks like.

```
.text, #text, p{  
    color:#4988FF  
}
```

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 #4988FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4988FF
}
```

Border

The CSS property to change the border of an element to Hex 4988FF 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
#4988FF }
```

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

```
.border{ border-color:#4988FF }
```

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

Here you see how a box with a 4 pixel #4988FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4988FF; -webkit-box-shadow:4px 4px  
4px 4px #4988FF; box-shadow:4px 4px 4px  
4px #4988FF }
```

Background

The CSS property to change the background color of an element to Hex 4988FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4988FF }
```

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

```
.background{ background-color:#4988FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor