

# Converting Colors

Hex(4978FF)

Have a look what the booklet for  
Hex(4978FF) contains.

<b>Hex(4978FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(4978FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4978FF
RGB	73, 120, 255
RGB Percent	29%, 47%, 100%
CMY	0.7137, 0.5294, 0.0000
CMYK	0.71, 0.53, 0.00, 0.00
HSL	225°, 100%, 64%
HSV	225°, 71%, 100%
XYZ	27.5141, 22.0694, 97.4174
YIQ	121.3370, -71.3470, 32.0210

# Conversions

## Conversions Part 2

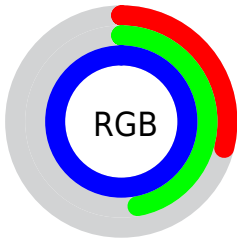
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 110, 255
Decimal	4815103
CIE Lab	54.10, 28.60, -71.85
CIE LCh	54, 77.337, 291.703
Yxy	22.0694, 0.1872, 0.1501
Android (android.graphics.Color)	4283005183 (0xFF4978FF)
YUV	121.3370, 65.8959, -42.3915
Hunter-Lab	46.9781, 22.3322, -90.0637

# Details

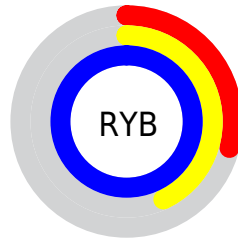
The Hex color **4978FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFD049**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8EACFF**, and **0049C5** is the 20% darker color. If you saturate the color by 10%, you get **3065FF**, and if you desaturate by 10%, it is **628BFF**.

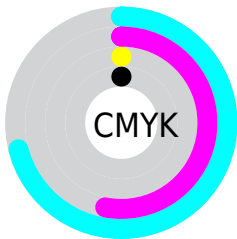
# Distribution



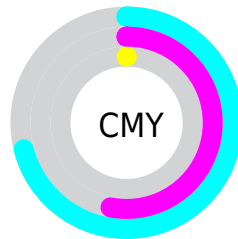
- Red (29%)
- Green (47%)
- Blue (100%)



- Red (29%)
- Yellow (43%)
- Blue (100%)



- Cyan (71%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4978FF 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 4978FF by changing the saturation by 10% instead.



 4978FF

 4978FF

FFFFFF

 1260E2

 8EACFF

 0049C5

 ADC7FF

 0033A9

 CDE3FF

 00208E

 ECFFFF

 000D74

 000B5A

 000742

 00032B

 000115

■ 4978FF

■ 4978FF

■ 3065FF

■ 628BFF

■ 1652FF

■ 7C9EFF

■ 0042FF

■ 95B1FF

■ AFC4FF

■ C9D7FF

■ E2E9FF

■ FBFCFF

FFFFFF

# Harmonies

## Analogous

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



008FFF



4978FF



BD54D5

# Triad

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



4978FF



DA590E



009D6C

# Complementary

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



4978FF



FFD049

# 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.



009823



4978FF



AC7800

# Square

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



4978FF



F33355



6E8C00



009EB1

# Rectangle

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



4978FF



E239AD



6E8C00



009C54



# Sweetspot

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



4978FF



C9D7FF



49FFCE



606880



000000



808080



# Same Dimension

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



4978FF



245CFF



7349FF



737680



0031BF



001040



# Inverse Universe

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



FF4978



FF245C



D5FF49



807376



BF0031

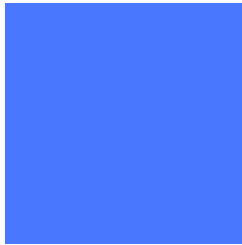


400010



# Previews

## White Background



This preview shows how the Hex color 4978FF looks on a white background.

## Color Contrast Check

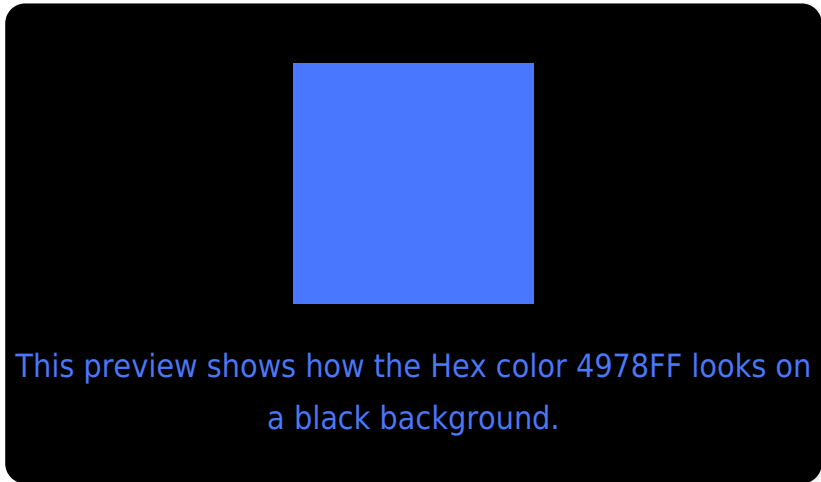
Large Text (above 18pt) WCAG AA ✓ Pass

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 4978FF Background



This preview shows how black text looks on a background with the Hex color 4978FF.

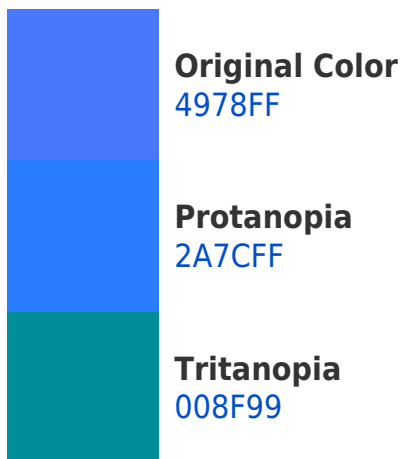


This preview shows how white text looks on a background with the Hex color 4978FF.

# 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



# Trichromacy



**Original Color**  
4978FF

**Protanomaly**  
357BFF

**Tritanomaly**  
1B87BE

# Monochromacy



**Original Color**  
4978FF

**Achromatopsia**  
797979

**Achromatomaly**  
6879AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4978FF 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 #4978FF looks like.

```
.text, #text, p{  
    color:#4978FF  
}
```

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 #4978FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4978FF
}
```

## Border

The CSS property to change the border of an element to Hex 4978FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

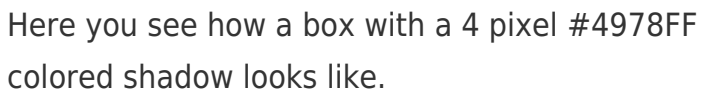
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4978FF }
```

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

```
.border{ border-color:#4978FF }
```

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



Here you see how a box with a 4 pixel #4978FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4978FF; -webkit-box-shadow:4px 4px  
4px 4px #4978FF; box-shadow:4px 4px 4px  
4px #4978FF }
```

# Background

The CSS property to change the background color of an element to Hex 4978FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4978FF }
```

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

```
.background{ background-color:#4978FF }
```

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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