

# Converting Colors

Hex(4996FF)

Have a look what the booklet for  
Hex(4996FF) contains.

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# **Color**

**Hex(4996FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4996FF
RGB	73, 150, 255
RGB Percent	29%, 59%, 100%
CMY	0.7137, 0.4118, 0.0000
CMYK	0.71, 0.41, 0.00, 0.00
HSL	215°, 100%, 64%
HSV	215°, 71%, 100%
XYZ	31.7040, 30.4492, 98.8140
YIQ	138.9470, -79.5970, 16.3310

# Conversions

## Conversions Part 2

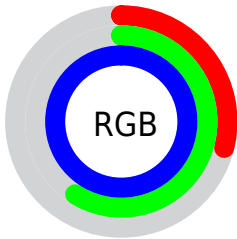
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 127, 255
Decimal	4822783
CIE Lab	62.04, 10.38, -59.08
CIE LCh	62, 59.988, 279.965
Yxy	30.4492, 0.1970, 0.1892
Android (android.graphics.Color)	4283012863 (0xFF4996FF)
YUV	138.9470, 57.2141, -57.8355
Hunter-Lab	55.1808, 5.9905, -67.5461

# Details

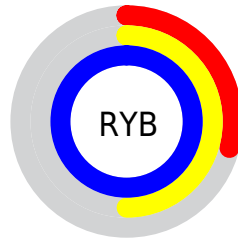
The Hex color **4996FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFB249**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8DCCFF**, and **0064C6** is the 20% darker color. If you saturate the color by 10%, you get **3087FF**, and if you desaturate by 10%, it is **62A5FF**.

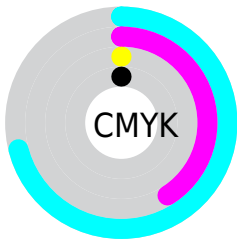
# Distribution



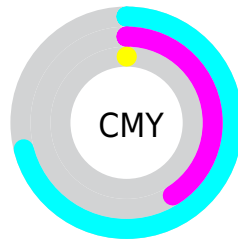
- Red (29%)
- Green (59%)
- Blue (100%)



- Red (29%)
- Yellow (50%)
- Blue (100%)



- Cyan (71%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4996FF 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 4996FF by changing the saturation by 10% instead.



 4996FF

 4996FF

FFFFFF

 157CE2

 8DCCFF

 0064C6

 ACE8FF

 004DAA

 CBFFFF

 00378F

 EAFFFF

 002375

 000C5B

 000743

 00032C

 000116

 4996FF

 4996FF

 3087FF

 62A5FF

 1679FF

 7CB3FF

 006CFF

 95C2FF

 AFD1FF

 C9E0FF

 E2EEFF

 FBFDFD

FFFFFF

# Harmonies

## Analogous

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



00A5FA



4996FF



AF80E8

# Triad

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



4996FF



ED7154



00AD6F

# Complementary

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



4996FF



FFB249

# 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.



67A63F



4996FF



CE862D

# Square

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



4996FF



F76486



A19920



00AFA7

# Rectangle

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



4996FF



D671CC



A19920

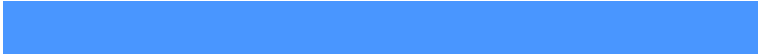


28AB5E



# Sweetspot

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



4996FF



C9E0FF



49FFB0



606D80



000000

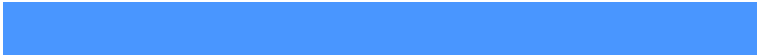


808080



# Same Dimension

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



4996FF



2480FF



5549FF



737880



0051BF



001B40



# Inverse Universe

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



FF4996



FF2480



F3FF49



807378



BF0051



40001B



# Previews

## White Background



This preview shows how the Hex color 4996FF looks on a white background.

## Color Contrast Check

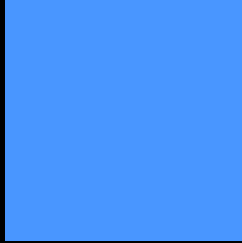
Large Text (above 18pt) WCAG AA × Fail

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 4996FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

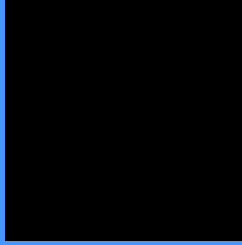
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

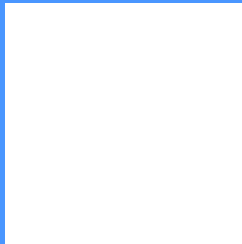
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4996FF Background



This preview shows how black text looks on a background with the Hex color 4996FF.



This preview shows how white text looks on a background with the Hex color 4996FF.

# 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**  
4996FF

**Protanomaly**  
5D93FC

**Deuteranomaly**  
4796FF

# Monochromacy



**Original Color**  
4996FF

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
738FB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4996FF 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 #4996FF looks like.

```
.text, #text, p{  
    color:#4996FF  
}
```

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 #4996FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4996FF
}
```

## Border

The CSS property to change the border of an element to Hex 4996FF 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
#4996FF }
```

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

```
.border{ border-color:#4996FF }
```

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

Here you see how a box with a 4 pixel #4996FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4996FF; -webkit-box-shadow:4px 4px  
4px 4px #4996FF; box-shadow:4px 4px 4px  
4px #4996FF }
```

# Background

The CSS property to change the background color of an element to Hex 4996FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4996FF }
```

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

```
.background{ background-color:#4996FF }
```

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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