

# Converting Colors

Hex(4C7FFF)

Have a look what the booklet for  
Hex(4C7FFF) contains.

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# Color

Hex(4C7FFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C7FFF
RGB	76, 127, 255
RGB Percent	30%, 50%, 100%
CMY	0.7020, 0.5020, 0.0000
CMYK	0.70, 0.50, 0.00, 0.00
HSL	223°, 100%, 65%
HSV	223°, 70%, 100%
XYZ	28.6199, 23.9352, 97.7193
YIQ	126.3430, -71.4840, 28.9960

# Conversions

## Conversions Part 2

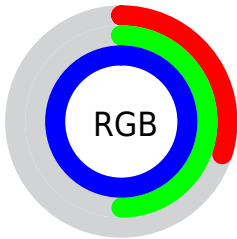
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	76, 116, 255
Decimal	5013503
CIE Lab	56.02, 24.69, -68.74
CIE LCh	56, 73.038, 289.755
Yxy	23.9352, 0.1905, 0.1593
Android (android.graphics.Color)	4283203583 (0xFF4C7FFF)
YUV	126.3430, 63.4279, -44.1508
Hunter-Lab	48.9237, 18.8044, -84.1783

# Details

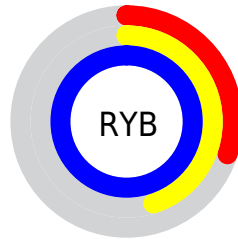
The Hex color **4C7FFF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FFCC4C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **90B3FF**, and **004FC5** is the 20% darker color. If you saturate the color by 10%, you get **336DFF**, and if you desaturate by 10%, it is **6691FF**.

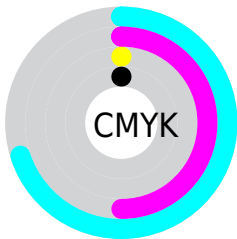
# Distribution



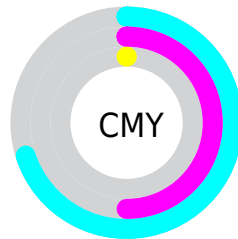
- Red (30%)
- Green (50%)
- Blue (100%)



- Red (30%)
- Yellow (45%)
- Blue (100%)



- Cyan (70%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7FFF 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 4C7FFF by changing the saturation by 10% instead.



 4C7FFF

 4C7FFF

FFFFFF

 1B66E2

 90B3FF

 004FC5

 AFCFFF

 0039A9

 CEEBFF

 00258E

 EDFFFF

 001474

 00075A

 000742

 00032B

 000115

■ 4C7FFF

■ 4C7FFF

■ 336DFF

■ 6691FF

■ 195BFF

■ 7FA3FF

■ 0049FF

■ 99B6FF

■ B2C8FF

■ CCDAFF

■ E5ECFF

FFFFFF

# Harmonies

## Analogous

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



0094FF



4C7FFF



BC5FD9

# Triad

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



4C7FFF



DF5F23



00A16E

# Complementary

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



4C7FFF



FFCC4C

# 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.



169B2B



4C7FFF



B47C00

# Square

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



4C7FFF



F44160



7A9000



00A2B0

# Rectangle

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



4C7FFF



E049B4



7A9000



00A057



# Sweetspot

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



4C7FFF



C9D9FF



4CFFC9



606980



000000



808080



# Same Dimension

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



4C7FFF



2966FF



704CFF



737680



0036BF



001240



# Inverse Universe

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



FF4C7F



FF2966



DBFF4C



807376



BF0036



400012



# Previews

## White Background



This preview shows how the Hex color 4C7FFF looks on a white background.

## Color Contrast Check

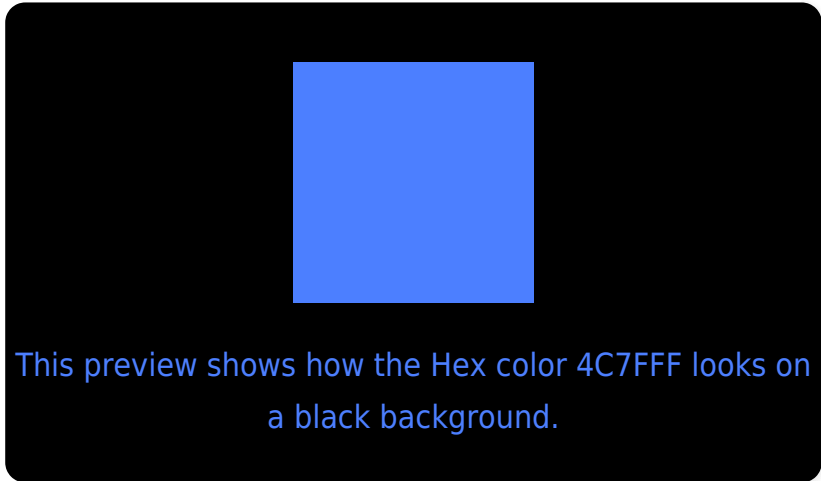
Large Text (above 18pt) WCAG AA ✓ Pass

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

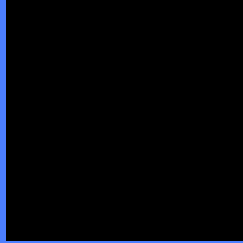
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

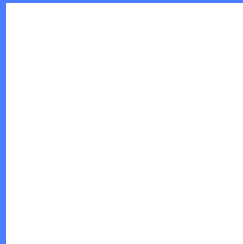
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C7FFF Background



This preview shows how black text looks on a background with the Hex color 4C7FFF.



This preview shows how white text looks on a background with the Hex color 4C7FFF.

# 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**  
4C7FFF

**Protanomaly**  
4380FF

**Deuteranomaly**  
1C85F5

# Monochromacy



**Original Color**  
4C7FFF

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
6C7EAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7FFF 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 #4C7FFF looks like.

```
.text, #text, p{  
    color:#4C7FFF  
}
```

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 #4C7FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7FFF
}
```

## Border

The CSS property to change the border of an element to Hex 4C7FFF 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
#4C7FFF }
```

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

```
.border{ border-color:#4C7FFF }
```

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

Here you see how a box with a 4 pixel #4C7FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7FFF; -webkit-box-shadow:4px 4px  
4px 4px #4C7FFF; box-shadow:4px 4px 4px  
4px #4C7FFF }
```

# Background

The CSS property to change the background color of an element to Hex 4C7FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7FFF }
```

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

```
.background{ background-color:#4C7FFF }
```

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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