

# Converting Colors

Hex(4A7DFE)

Have a look what the booklet for  
Hex(4A7DFE) contains.

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# Color

**Hex(4A7DFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7DFE
RGB	74, 125, 254
RGB Percent	29%, 49%, 100%
CMY	0.7098, 0.5098, 0.0039
CMYK	0.71, 0.51, 0.00, 0.00
HSL	223°, 99%, 64%
HSV	223°, 71%, 100%
XYZ	28.0470, 23.2788, 96.7810
YIQ	124.4570, -71.8050, 29.3070

# Conversions

## Conversions Part 2

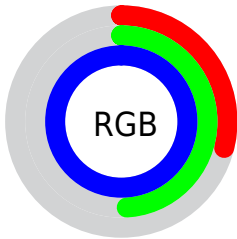
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 114, 254
Decimal	4881918
CIE Lab	55.36, 25.30, -69.27
CIE LCh	55, 73.741, 290.065
Yxy	23.2788, 0.1894, 0.1572
Android (android.graphics.Color)	4283071998 (0xFF4A7DFE)
YUV	124.4570, 63.8647, -44.2508
Hunter-Lab	48.2481, 19.3293, -85.1561

# Details

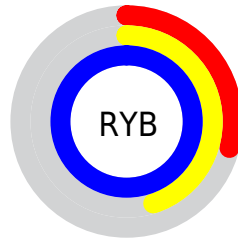
The Hex color **4A7DFE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FECB4A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8EB1FF**, and **004DC4** is the 20% darker color. If you saturate the color by 10%, you get **316BFE**, and if you desaturate by 10%, it is **638FFE**.

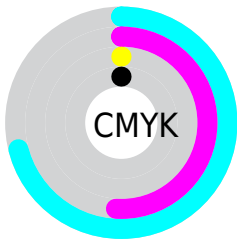
# Distribution



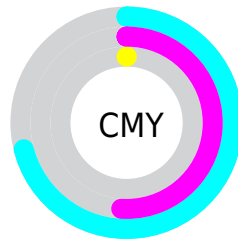
- Red (29%)
- Green (49%)
- Blue (100%)



- Red (29%)
- Yellow (45%)
- Blue (100%)



- Cyan (71%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7DFE 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 4A7DFE by changing the saturation by 10% instead.



 4A7DFE

 4A7DFE

FFFFFF

 1664E1

 8EB1FF

 004DC4

 AECCFF

 0037A8

 CDE8FF

 00238D

 ECFFFF

 001273

 000959

 000741

 00032A

 000114

■ 4A7DFE

■ 4A7DFE

■ 316BFE

■ 638FFE

■ 1759FE

■ 7DA1FE

■ 0048FE

■ 96B4FE

■ B0C6FE

■ C9D8FE

■ E2EAFE

■ FCFCFE

FFFFFE

# Harmonies

## Analogous

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



0093FF



4A7DFE



BB5DD8

# Triad

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



4A7DFE



DD5D1F



009F6C

# Complementary

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



4A7DFE



FECB4A

# 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.



089A28



4A7DFE



B27A00

# Square

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



4A7DFE



F33E5D



778E00



00A1AF

# Rectangle

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



4A7DFE



DF46B2



778E00



009E56



# Sweetspot

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



4A7DFE



C9D9FF



4AFECB



606980



000000



808080



# Same Dimension

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



4A7DFE



2664FF



714AFE



737680



0036BF



001240



# Inverse Universe

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



FE4A7D



FF2664



D7FE4A



807376



BF0036

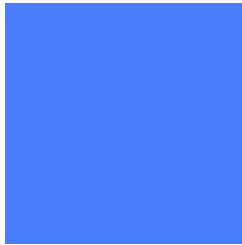


400012



# Previews

## White Background



This preview shows how the Hex color 4A7DFE looks on a white background.

## Color Contrast Check

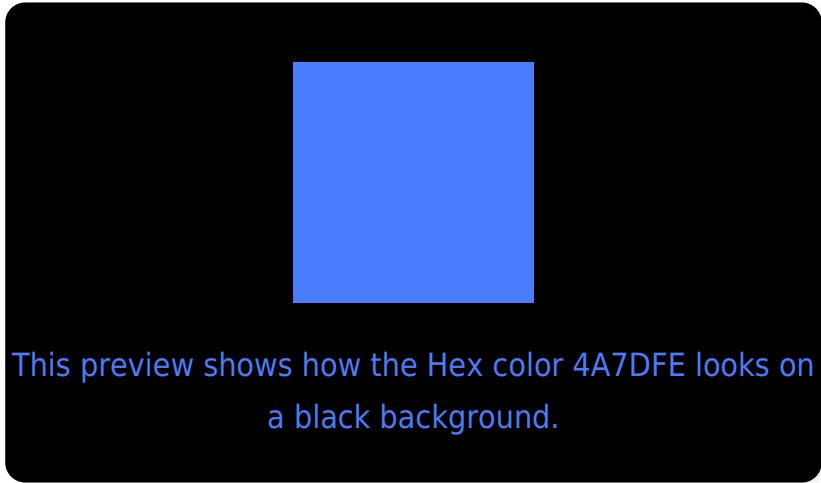
Large Text (above 18pt) WCAG AA ✓ Pass

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

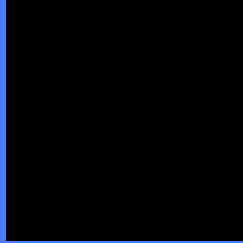
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A7DFE Background



This preview shows how black text looks on a background with the Hex color 4A7DFE.



This preview shows how white text looks on a background with the Hex color 4A7DFE.

# 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](#).

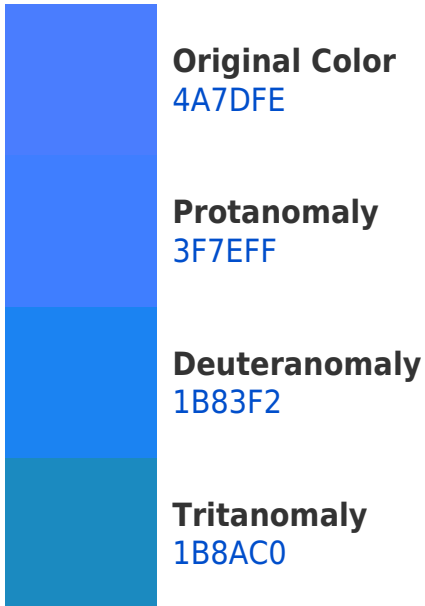
## Dichromacy



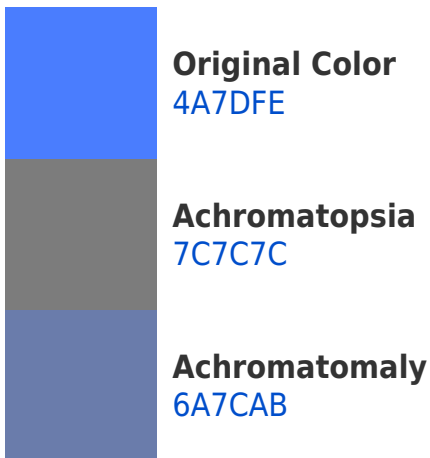


**Tritanopia**  
00929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7DFE 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 #4A7DFE looks like.

```
.text, #text, p{  
    color:#4A7DFE  
}
```

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 #4A7DFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7DFE
}
```

## Border

The CSS property to change the border of an element to Hex 4A7DFE 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
#4A7DFE }
```

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

```
.border{ border-color:#4A7DFE }
```

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

Here you see how a box with a 4 pixel #4A7DFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7DFE; -webkit-box-shadow:4px 4px  
4px 4px #4A7DFE; box-shadow:4px 4px 4px  
4px #4A7DFE }
```

# Background

The CSS property to change the background color of an element to Hex 4A7DFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7DFE }
```

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

```
.background{ background-color:#4A7DFE }
```

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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