

Converting Colors

Hex(4B72F6)

Have a look what the booklet for
Hex(4B72F6) contains.

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Color

Hex(4B72F6)

Conversions

Conversions Part 1

Format	Color
Hex	4B72F6
RGB	75, 114, 246
RGB Percent	29%, 45%, 96%
CMY	0.7059, 0.5529, 0.0353
CMYK	0.70, 0.54, 0.00, 0.04
HSL	226°, 90%, 63%
HSV	226°, 70%, 96%
XYZ	25.5535, 20.1843, 89.7379
YIQ	117.3870, -65.6160, 32.7840

Conversions

Conversions Part 2

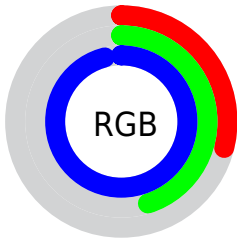
Format	Color
R _Y B	75, 107, 246
Decimal	4944630
CIE Lab	52.04, 29.41, -70.20
CIE LCh	52, 76.107, 292.732
Yxy	20.1843, 0.1886, 0.1490
Android (android.graphics.Color)	4283134710 (0xFF4B72F6)
YUV	117.3870, 63.4062, -37.1734
Hunter-Lab	44.9269, 22.9050, -86.9781

Details

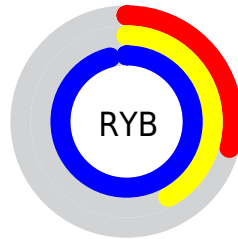
The Hex color **4B72F6** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F6CF4B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8EA5FF**, and **0043BD** is the 20% darker color. If you saturate the color by 10%, you get **325FF6**, and if you desaturate by 10%, it is **6485F6**.

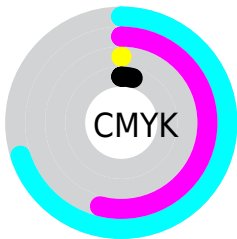
Distribution



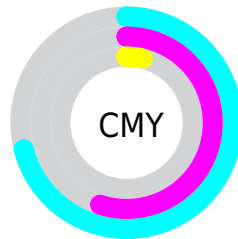
- Red (29%)
- Green (45%)
- Blue (96%)



- Red (29%)
- Yellow (42%)
- Blue (96%)



- Cyan (70%)
- Magenta (54%)
- Yellow (0%)
- Black (4%)



- Cyan (71%)
- Magenta (55%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B72F6 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 4B72F6 by changing the saturation by 10% instead.

■ 4B72F6

■ 4B72F6

FFFFFF

■ 1B5AD9

■ 8EA5FF

■ 0043BD

■ ADC0FF

■ 002EA1

■ CCDCFF

■ 001B86

■ EBF9FF

■ 00036C

■ 000B53

■ 00063A

■ 000224

■ 00000C

■ 4B72F6

■ 4B72F6

■ 325FF6

■ 6485F6

■ 1A4CF6

■ 7C98F6

■ 0139F6

■ 95ABF6

■ 0038F6

■ ADBEF6

■ C6D1F6

■ DFE4F6

■ F7F7F6

■ FFFFF6

Harmonies

Analogous

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



0089FF



4B72F6



B94ECC

Triad

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



4B72F6



D15506



00976A

Complementary

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



4B72F6



F6CF4B

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.



009222



4B72F6



A47400

Square

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



4B72F6



EB2F4E



678700



0098AD

Rectangle

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



4B72F6



DB33A4



678700



009653

Sweetspot

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



4B72F6



C9D6FF



4BF6CE



606780



000000



808080

Same Dimension

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



4B72F6



2B5CFF



794BF6



6E717A



002ABA



000D3B

Inverse Universe

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



F64B72



FF2B5C



C8F64B



7A6E71



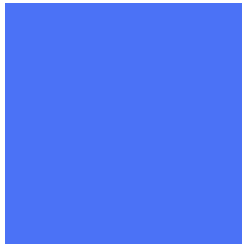
BA002A



3B000D

Previews

White Background



This preview shows how the Hex color 4B72F6 looks on a white background.

Color Contrast Check

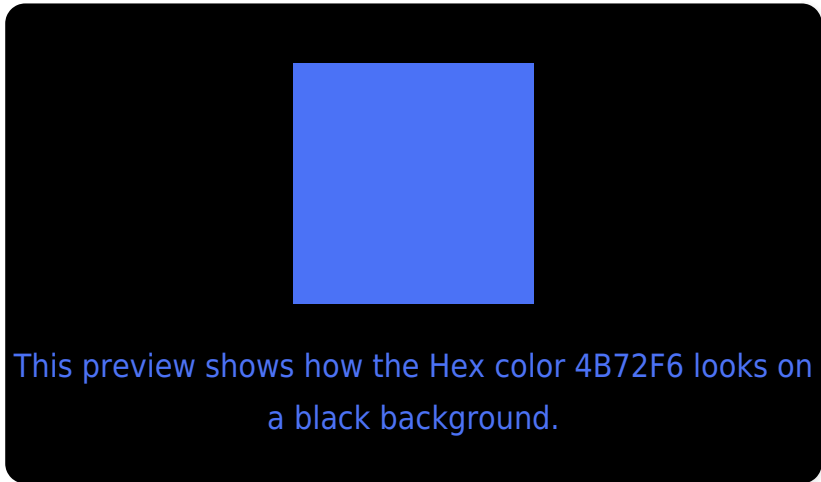
Large Text (above 18pt) WCAG AA ✓ Pass

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

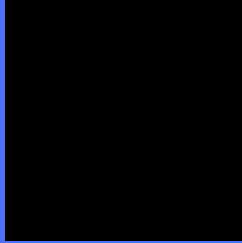
Any Text WCAG AA ✓ Pass

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 4B72F6 Background



This preview shows how black text looks on a background with the Hex color 4B72F6.



This preview shows how white text looks on a background with the Hex color 4B72F6.

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



Original Color
4B72F6

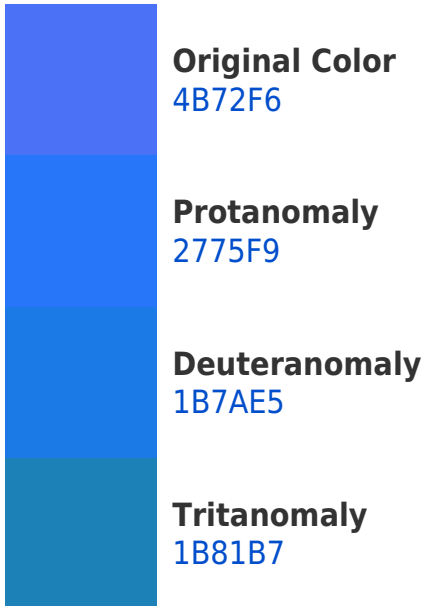
Protanopia
1377FB

Deuteranopia
007EDB

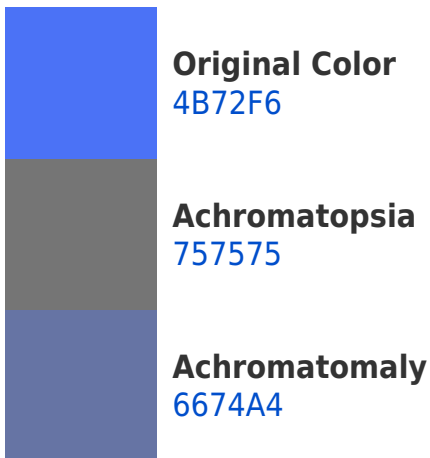


Tritanopia
008993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B72F6 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 #4B72F6 looks like.

```
.text, #text, p{  
    color:#4B72F6  
}
```

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 #4B72F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B72F6
}
```

Border

The CSS property to change the border of an element to Hex 4B72F6 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
#4B72F6 }
```

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

```
.border{ border-color:#4B72F6 }
```

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

Here you see how a box with a 4 pixel #4B72F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B72F6; -webkit-box-shadow:4px 4px  
4px 4px #4B72F6; box-shadow:4px 4px 4px  
4px #4B72F6 }
```

Background

The CSS property to change the background color of an element to Hex 4B72F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B72F6 }
```

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

```
.background{ background-color:#4B72F6 }
```

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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