

Converting Colors

Hex(4B6FD9)

Have a look what the booklet for
Hex(4B6FD9) contains.

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Color

Hex(4B6FD9)

Conversions

Conversions Part 1

Format	Color
Hex	4B6FD9
RGB	75, 111, 217
RGB Percent	29%, 44%, 85%
CMY	0.7059, 0.5647, 0.1490
CMYK	0.65, 0.49, 0.00, 0.15
HSL	225°, 65%, 57%
HSV	225°, 65%, 85%
XYZ	21.1105, 17.8745, 67.9831
YIQ	112.3200, -55.4820, 25.3340

Conversions

Conversions Part 2

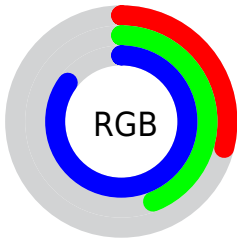
Format	Color
R_{YB}	75, 104, 217
Decimal	4943833
CIE Lab	49.34, 21.15, -58.28
CIE LCh	49, 61.997, 289.944
Yxy	17.8745, 0.1974, 0.1671
Android (android.graphics.Color)	4283133913 (0xFF4B6FD9)
YUV	112.3200, 51.6072, -32.7296
Hunter-Lab	42.2782, 15.1422, -65.7432

Details

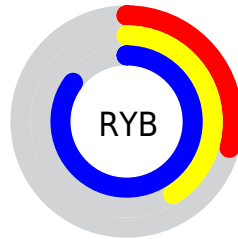
The Hex color **4B6FD9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D9B54B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **89A2FF**, and **0040A1** is the 20% darker color. If you saturate the color by 10%, you get **355FD9**, and if you desaturate by 10%, it is **617FD9**.

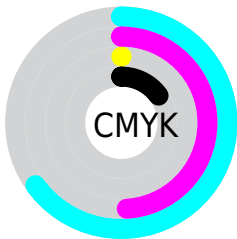
Distribution



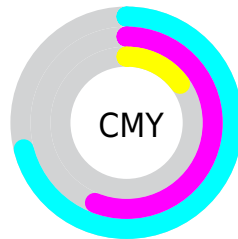
- Red (29%)
- Green (44%)
- Blue (85%)



- Red (29%)
- Yellow (41%)
- Blue (85%)



- Cyan (65%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6FD9 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 4B6FD9 by changing the saturation by 10% instead.

■ 4B6FD9

■ 4B6FD9

FFFFFF

■ 2557BD

■ 89A2FF

■ 0040A1

■ A7BDFF

■ 002B86

■ C5D9FF

■ 00186C

■ E3F5FF

■ 000054

■ 00063B

■ 000225

■ 00010D

■ 000000

■ 4B6FD9

■ 4B6FD9

■ 355FD9

■ 617FD9

■ 204FD9

■ 768FD9

■ 0A3ED9

■ 8CA0D9

■ 0037D9

■ A2B0D9

■ B7C0D9

■ CDD0D9

■ E3E0D9

■ F9F1D9

■ FFFFD9

Harmonies

Analogous

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



0081DD



4B6FD9



A256BA

Triad

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



4B6FD9



C05524



008C61

Complementary

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



4B6FD9



D9B54B

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.



22872B



4B6FD9



9C6D00

Square

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



4B6FD9



D23F55



6C7D00



008D98

Rectangle

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



4B6FD9



C0459B



6C7D00



008B4F

Sweetspot

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



4B6FD9



CCD9FF



4BD9B3



616980



000000



808080

Same Dimension

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



4B6FD9



3669FF



6C4BD9



63656E



002CAD



000C2E

Inverse Universe

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



D94B6F



FF3669



B8D94B



6E6365



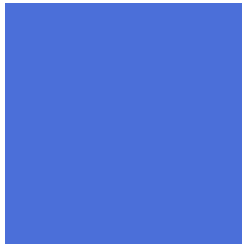
AD002C



2E000C

Previews

White Background



This preview shows how the Hex color 4B6FD9 looks on a white background.

Color Contrast Check

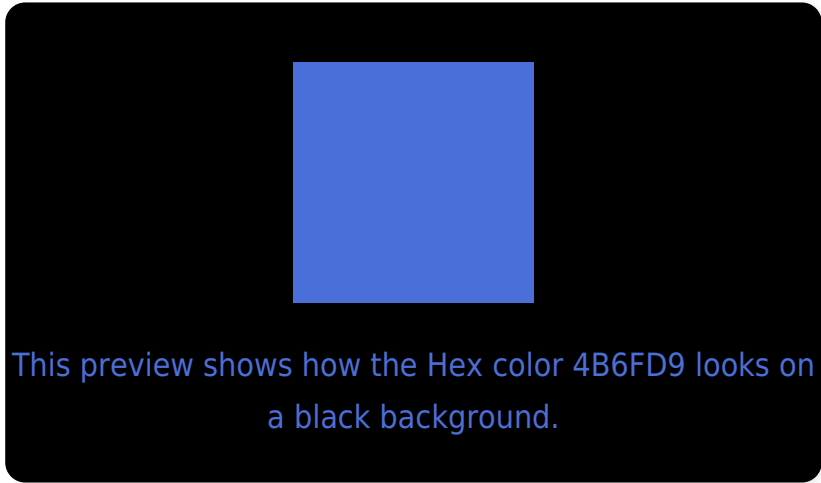
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

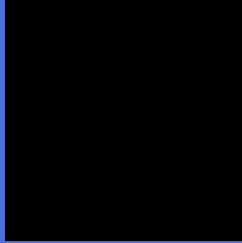
Any Text WCAG AA ✓ Pass

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 4B6FD9 Background



This preview shows how black text looks on a background with the Hex color 4B6FD9.

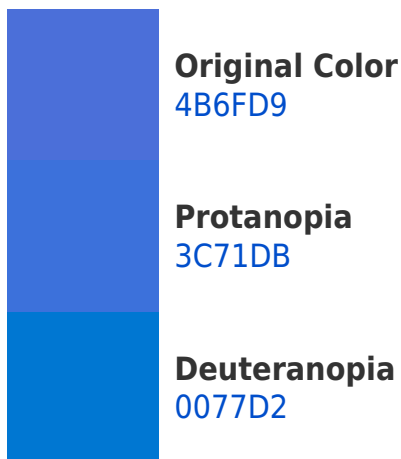


This preview shows how white text looks on a background with the Hex color 4B6FD9.

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](#).

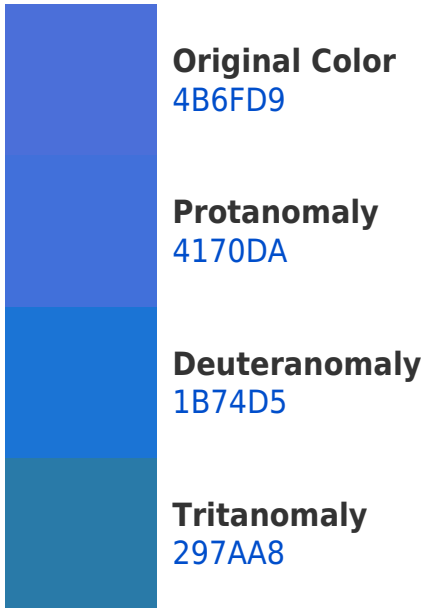
Dichromacy





Tritanopia
15818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6FD9 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 #4B6FD9 looks like.

```
.text, #text, p{  
    color:#4B6FD9  
}
```

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 #4B6FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6FD9
}
```

Border

The CSS property to change the border of an element to Hex 4B6FD9 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
#4B6FD9 }
```

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

```
.border{ border-color:#4B6FD9 }
```

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

Here you see how a box with a 4 pixel #4B6FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6FD9; -webkit-box-shadow:4px 4px  
4px 4px #4B6FD9; box-shadow:4px 4px 4px  
4px #4B6FD9 }
```

Background

The CSS property to change the background color of an element to Hex 4B6FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6FD9 }
```

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

```
.background{ background-color:#4B6FD9 }
```

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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