

Converting Colors

Hex(4D6FD1)

Have a look what the booklet for
Hex(4D6FD1) contains.

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Color

Hex(4D6FD1)

Conversions

Conversions Part 1

Format	Color
Hex	4D6FD1
RGB	77, 111, 209
RGB Percent	30%, 44%, 82%
CMY	0.6980, 0.5647, 0.1804
CMYK	0.63, 0.47, 0.00, 0.18
HSL	225°, 59%, 56%
HSV	225°, 63%, 82%
XYZ	20.2536, 17.5501, 62.6416
YIQ	112.0060, -51.7220, 23.2700

Conversions

Conversions Part 2

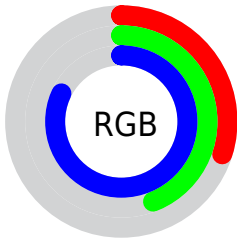
Format	Color
RYB	77, 104, 209
Decimal	5074897
CIELab	48.95, 18.71, -54.36
CIELCh	49, 57.494, 288.989
Yxy	17.5501, 0.2016, 0.1747
Android (android.graphics.Color)	4283264977 (0xFF4D6FD1)
YUV	112.0060, 47.8180, -30.7003
Hunter-Lab	41.8929, 12.9856, -59.3303

Details

The Hex color **4D6FD1** 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 **D1AF4D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **89A2FF**, and **00409A** is the 20% darker color. If you saturate the color by 10%, you get **385FD1**, and if you desaturate by 10%, it is **627FD1**.

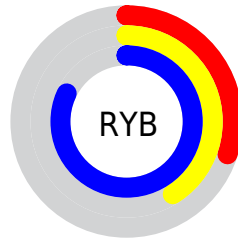
Distribution



Red (30%)

Green (44%)

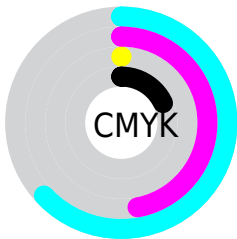
Blue (82%)



Red (30%)

Yellow (41%)

Blue (82%)

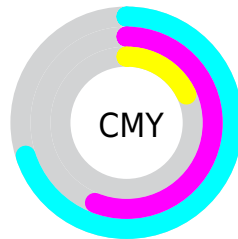


Cyan (63%)

Magenta (47%)

Yellow (0%)

Black (18%)



Cyan (70%)

Magenta (56%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6FD1 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 4D6FD1 by changing the saturation by 10% instead.

■ 4D6FD1

■ 4D6FD1

FFFFFF

■ 2A57B5

■ 89A2FF

■ 00409A

■ A7BDFF

■ 002B7F

■ C4D9FF

■ 001866

■ E2F5FF

■ 00004D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 4D6FD1

■ 4D6FD1

■ 385FD1

■ 627FD1

■ 2350D1

■ 778ED1

■ 0E40D1

■ 8C9ED1

■ 0036D1

■ A1ADD1

■ B6BDD1

■ CACCD1

■ DFDCD1

■ F4EBD1

■ FFFBD1

Harmonies

Analogous

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



007FD4



4D6FD1



9D59B5

Triad

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



4D6FD1



BB572B



008A60

Complementary

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



4D6FD1



D1AF4D

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.



2F852F



4D6FD1



9A6C00

Square

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



4D6FD1



CB4458



6E7B00



008B93

Rectangle

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



4D6FD1



B94A98



6E7B00



00884F

Sweetspot

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



4D6FD1



CFDBFF



4DD1AE



626A80



000000



808080

Same Dimension

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



4D6FD1



3D6FFF



6C4DD1



5E6169



002BA8



000B29

Inverse Universe

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



D14D6F



FF3D6F



B2D14D



695E61



A8002B



29000B

Previews

White Background



This preview shows how the Hex color 4D6FD1 looks on a white background.

Color Contrast Check

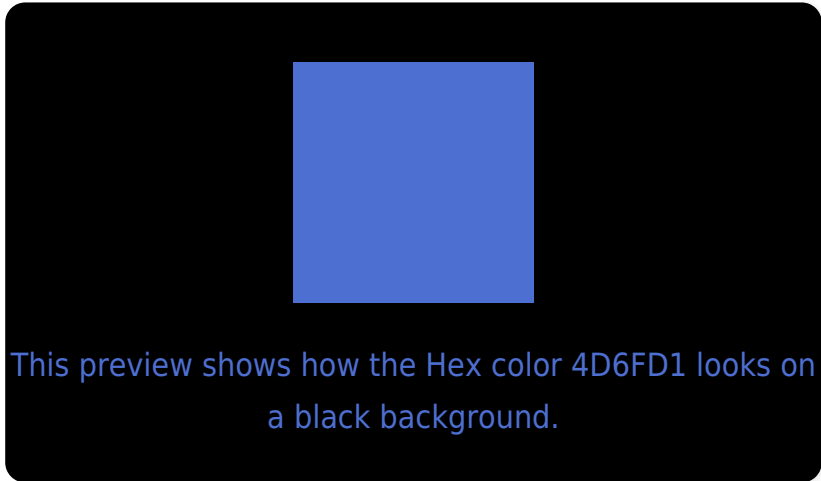
Large Text (above 18pt) WCAG AA ✓ Pass

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

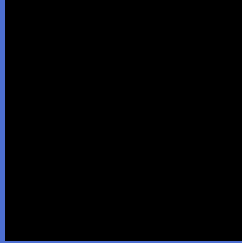
Any Text WCAG AA ✓ Pass

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 4D6FD1 Background



This preview shows how black text looks on a background with the Hex color 4D6FD1.



This preview shows how white text looks on a background with the Hex color 4D6FD1.

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
4D6FD1

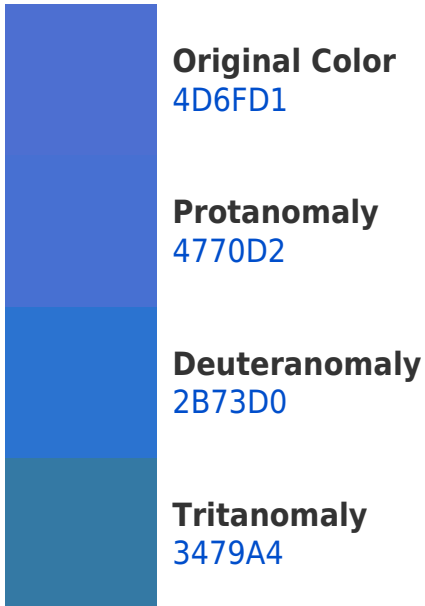
Protanopia
4370D3

Deuteranopia
1876CF



Tritanopia
267F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6FD1 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 #4D6FD1 looks like.

```
.text, #text, p{  
    color:#4D6FD1  
}
```

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 #4D6FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6FD1
}
```

Border

The CSS property to change the border of an element to Hex 4D6FD1 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
#4D6FD1 }
```

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

```
.border{ border-color:#4D6FD1 }
```

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

Here you see how a box with a 4 pixel #4D6FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6FD1; -webkit-box-shadow:4px 4px  
4px 4px #4D6FD1; box-shadow:4px 4px 4px  
4px #4D6FD1 }
```

Background

The CSS property to change the background color of an element to Hex 4D6FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6FD1 }
```

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

```
.background{ background-color:#4D6FD1 }
```

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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