

Converting Colors

Hex(4D6DDD)

Have a look what the booklet for
Hex(4D6DDD) contains.

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Color

Hex(4D6DDD)

Conversions

Conversions Part 1

Format	Color
Hex	4D6DDD
RGB	77, 109, 221
RGB Percent	30%, 43%, 87%
CMY	0.6980, 0.5725, 0.1333
CMYK	0.65, 0.51, 0.00, 0.13
HSL	227°, 68%, 58%
HSV	227°, 65%, 87%
XYZ	21.5804, 17.7355, 70.6925
YIQ	112.2000, -55.0240, 28.0480

Conversions

Conversions Part 2

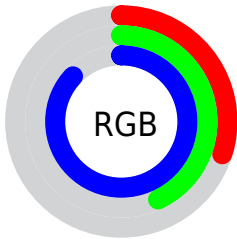
Format	Color
RYB	77, 103, 221
Decimal	5074397
CIELab	49.17, 24.11, -60.81
CIElCh	49, 65.418, 291.626
Yxy	17.7355, 0.1962, 0.1612
Android (android.graphics.Color)	4283264477 (0xFF4D6DDD)
YUV	112.2000, 53.6384, -30.8704
Hunter-Lab	42.1136, 17.7705, -70.0457

Details

The Hex color **4D6DDD** 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 **DDBD4D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8BA0FF**, and **003EA5** is the 20% darker color. If you saturate the color by 10%, you get **375CDD**, and if you desaturate by 10%, it is **637EDD**.

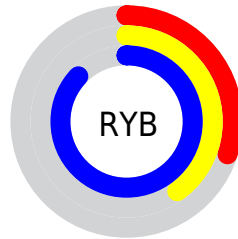
Distribution



Red (30%)

Green (43%)

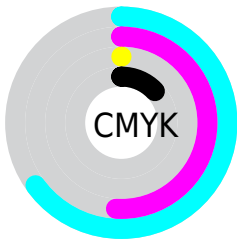
Blue (87%)



Red (30%)

Yellow (40%)

Blue (87%)

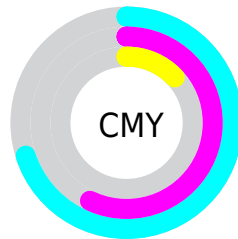


Cyan (65%)

Magenta (51%)

Yellow (0%)

Black (13%)



Cyan (70%)

Magenta (57%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6DDD 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 4D6DDD by changing the saturation by 10% instead.

■ 4D6DDD

■ 4D6DDD

FFFFFF

■ 2755C1

■ 8BA0FF

■ 003EA5

■ A9BBFF

■ 00298A

■ C7D7FF

■ 001770

■ E5F3FF

■ 000057

■ 00063E

■ 000328

■ 000111

■ 000000

■ 4D6DDD

■ 4D6DDD

■ 375CDD

■ 637EDD

■ 214BDD

■ 798FDD

■ 0B39DD

■ 8FA1DD

■ 0031DD

■ A5B2DD

■ BCC3DD

■ D2D4DD

■ E8E5DD

■ FEF7DD

■ FFFFDD

Harmonies

Analogous

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



0080E3



4D6DDD



A751BB

Triad

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



4D6DDD



C1541B



008D63

Complementary

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



4D6DDD



DDBD4D

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.



028829



4D6DDD



9A6D00

Square

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



4D6DDD



D53A50



677E00



008E9C

Rectangle

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



4D6DDD



C63E99



677E00



008B50

Sweetspot

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



4D6DDD



CCD7FF



4DDDBB



616880



000000



808080

Same Dimension

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



4D6DDD



3864FF



734DDD



63656E



0027AD



000A2E

Inverse Universe

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



DD4D6D



FF3864



B7DD4D



6E6365



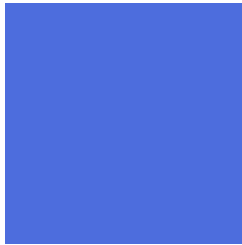
AD0027



2E000A

Previews

White Background



This preview shows how the Hex color 4D6DDD looks on a white background.

Color Contrast Check

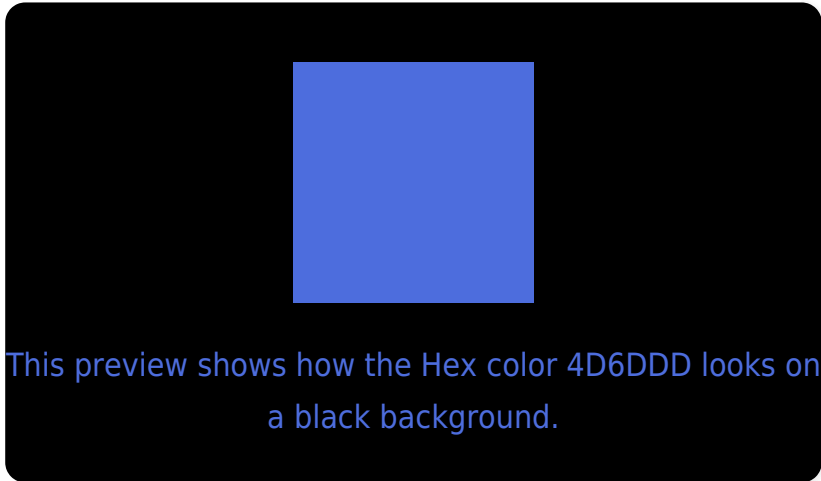
Large Text (above 18pt) WCAG AA ✓ Pass

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

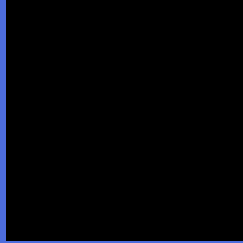
Any Text WCAG AA ✓ Pass

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 4D6DDD Background



This preview shows how black text looks on a background with the Hex color 4D6DDD.

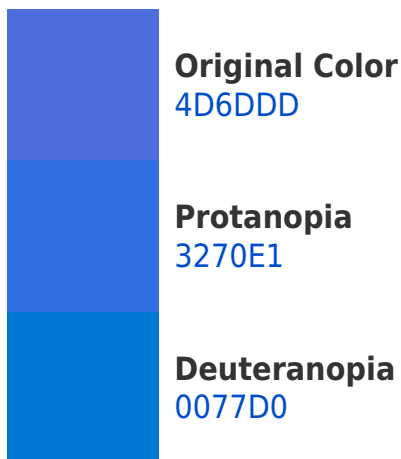


This preview shows how white text looks on a background with the Hex color 4D6DDD.

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](#).

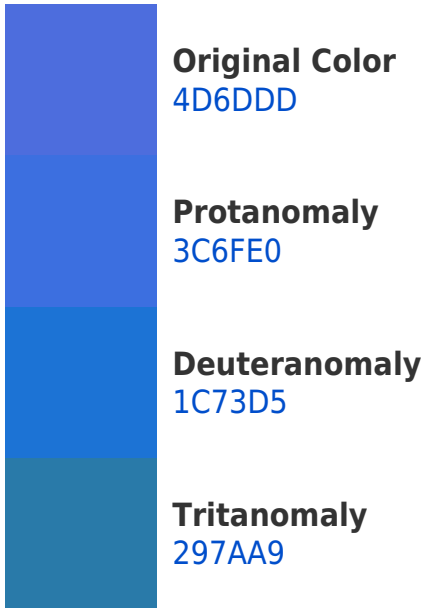
Dichromacy





Tritanopia
14818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6DDD 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 #4D6DDD looks like.

```
.text, #text, p{  
    color:#4D6DDD  
}
```

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 #4D6DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6DDD
}
```

Border

The CSS property to change the border of an element to Hex 4D6DDD 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
#4D6DDD }
```

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

```
.border{ border-color:#4D6DDD }
```

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

Here you see how a box with a 4 pixel #4D6DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6DDD; -webkit-box-shadow:4px 4px  
4px 4px #4D6DDD; box-shadow:4px 4px 4px  
4px #4D6DDD }
```

Background

The CSS property to change the background color of an element to Hex 4D6DDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6DDD }
```

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

```
.background{ background-color:#4D6DDD }
```

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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