

Converting Colors

Hex(4A6DDD)

Have a look what the booklet for
Hex(4A6DDD) contains.

Hex(4A6DDD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(4A6DDD)

Conversions

Conversions Part 1

Format	Color
Hex	4A6DDD
RGB	74, 109, 221
RGB Percent	29%, 43%, 87%
CMY	0.7098, 0.5725, 0.1333
CMYK	0.67, 0.51, 0.00, 0.13
HSL	226°, 68%, 58%
HSV	226°, 67%, 87%
XYZ	21.3438, 17.6136, 70.6814
YIQ	111.3030, -56.8120, 27.4120

Conversions

Conversions Part 2

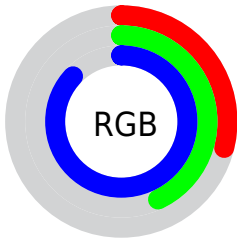
Format	Color
R_{YB}	74, 102, 221
Decimal	4877789
CIE _{Lab}	49.02, 23.64, -61.06
CIE _{LCh}	49, 65.477, 291.161
Yxy	17.6136, 0.1947, 0.1607
Android (android.graphics.Color)	4283067869 (0xFF4A6DDD)
YUV	111.3030, 54.0806, -32.7147
Hunter-Lab	41.9685, 17.3343, -70.4754

Details

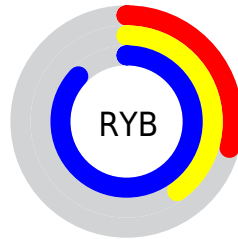
The Hex color **4A6DDD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DDBA4A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **89A0FF**, and **003EA5** is the 20% darker color. If you saturate the color by 10%, you get **345CDD**, and if you desaturate by 10%, it is **607EDD**.

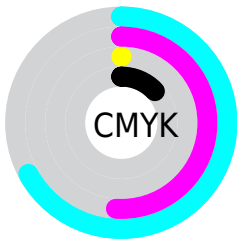
Distribution



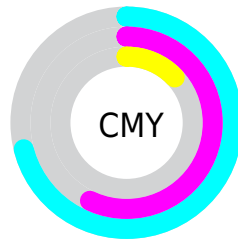
- Red (29%)
- Green (43%)
- Blue (87%)



- Red (29%)
- Yellow (40%)
- Blue (87%)



- Cyan (67%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6DDD 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 4A6DDD by changing the saturation by 10% instead.

■ 4A6DDD

■ 4A6DDD

FFFFFF

■ 2255C1

■ 89A0FF

■ 003EA5

■ A7BBFF

■ 00298A

■ C5D7FF

■ 001770

■ E3F3FF

■ 000057

■ 00063E

■ 000328

■ 000111

■ 000000

■ 4A6DDD

■ 4A6DDD

■ 345CDD

■ 607EDD

■ 1E4BDD

■ 768FDD

■ 083ADD

■ 8CA0DD

■ 0035DD

■ A2B0DD

■ B9C1DD

■ CFD2DD

■ E5E3DD

■ FBF4DD

■ FFFFDD

Harmonies

Analogous

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



0080E3



4A6DDD



A651BB

Triad

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



4A6DDD



C1531B



008C62

Complementary

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



4A6DDD



DDBA4A

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.



068728



4A6DDD



9A6C00

Square

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



4A6DDD



D53950



677D00



008D9B

Rectangle

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



4A6DDD



C53E9A



677D00



008B4E

Sweetspot

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



4A6DDD



CCD8FF



4ADDB8



616880



000000



808080

Same Dimension

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



4A6DDD



3364FF



6F4ADD



63656E



0029AD



000B2E

Inverse Universe

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



DD4A6D



FF3364



B8DD4A



6E6365



AD0029



2E000B

Previews

White Background



This preview shows how the Hex color 4A6DDD looks on a white background.

Color Contrast Check

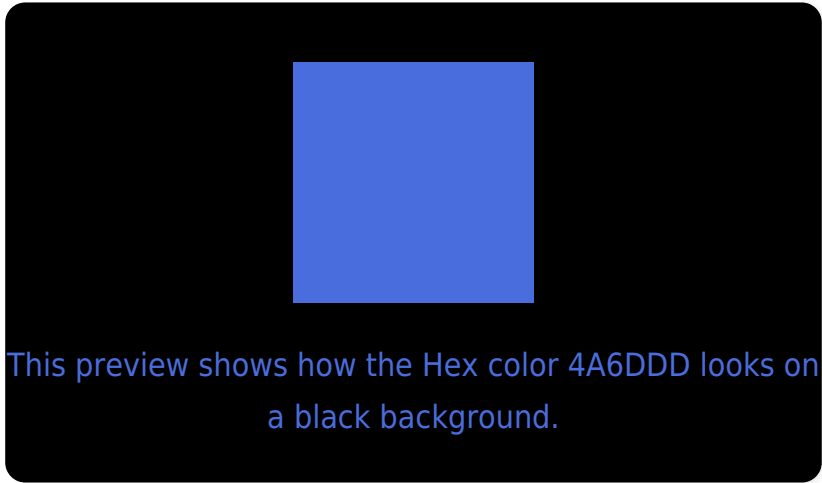
Large Text (above 18pt) WCAG AA ✓ Pass

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

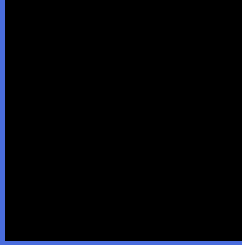
Any Text WCAG AA ✓ Pass

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 4A6DDD Background



This preview shows how black text looks on a background with the Hex color 4A6DDD.

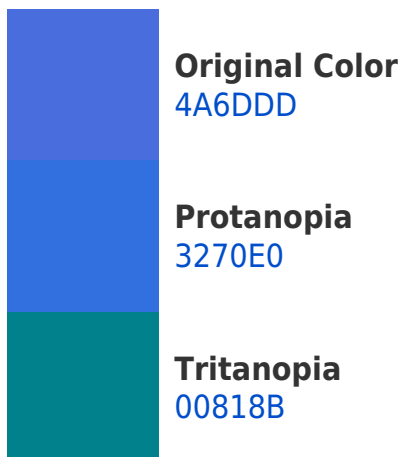


This preview shows how white text looks on a background with the Hex color 4A6DDD.

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



Trichromacy



Original Color
4A6DDD

Protanomaly
3B6FDF

Tritanomaly
1B7AA9

Monochromacy



Original Color
4A6DDD

Achromatopsia
6F6F6F

Achromatomaly
626E97

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6DDD 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 #4A6DDD looks like.

```
.text, #text, p{  
    color:#4A6DDD  
}
```

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 #4A6DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6DDD
}
```

Border

The CSS property to change the border of an element to Hex 4A6DDD 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
#4A6DDD }
```

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

```
.border{ border-color:#4A6DDD }
```

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

Here you see how a box with a 4 pixel #4A6DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6DDD; -webkit-box-shadow:4px 4px  
4px 4px #4A6DDD; box-shadow:4px 4px 4px  
4px #4A6DDD }
```

Background

The CSS property to change the background color of an element to Hex 4A6DDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6DDD }
```

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

```
.background{ background-color:#4A6DDD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor