

Converting Colors

Hex(4A74D3)

Have a look what the booklet for
Hex(4A74D3) contains.

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Color

Hex(4A74D3)

Conversions

Conversions Part 1

Format	Color
Hex	4A74D3
RGB	74, 116, 211
RGB Percent	29%, 45%, 83%
CMY	0.7098, 0.5451, 0.1725
CMYK	0.65, 0.45, 0.00, 0.17
HSL	222°, 61%, 56%
HSV	222°, 65%, 83%
XYZ	20.8273, 18.6498, 64.1301
YIQ	114.2720, -55.5270, 20.6410

Conversions

Conversions Part 2

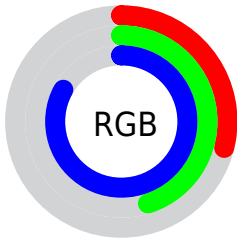
Format	Color
R _Y B	74, 106, 211
Decimal	4879571
CIE Lab	50.27, 15.77, -53.38
CIE LCh	50, 55.662, 286.461
Yxy	18.6498, 0.2010, 0.1800
Android (android.graphics.Color)	4283069651 (0xFF4A74D3)
YUV	114.2720, 47.6869, -35.3185
Hunter-Lab	43.1854, 10.5119, -57.8156

Details

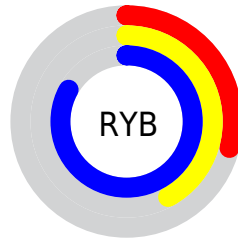
The Hex color **4A74D3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D3A94A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **87A8FF**, and **00459C** is the 20% darker color. If you saturate the color by 10%, you get **3565D3**, and if you desaturate by 10%, it is **5F83D3**.

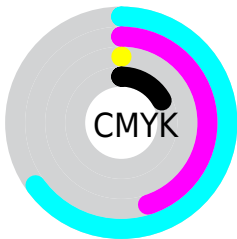
Distribution



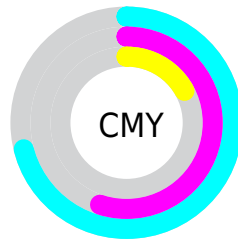
- Red (29%)
- Green (45%)
- Blue (83%)



- Red (29%)
- Yellow (42%)
- Blue (83%)



- Cyan (65%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (71%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A74D3 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 4A74D3 by changing the saturation by 10% instead.

■ 4A74D3

■ 4A74D3

FFFFFF

■ 255CB7

■ 87A8FF

■ 00459C

■ A5C3FF

■ 002F81

■ C2DEFF

■ 001C67

■ E0FBFF

■ 00004F

FEFFFF

■ 000537

■ 000221

■ 000005

■ 000000

■ 4A74D3

■ 4A74D3

■ 3565D3

■ 5F83D3

■ 2057D3

■ 7491D3

■ 0B48D3

■ 89A0D3

■ 0041D3

■ 9EAFD3

■ B4BDD3

■ C9CCD3

■ DEDAD3

■ F3E9D3

■ FFF8D3

Harmonies

Analogous

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



0083D4



4A74D3



9B5FB9

Triad

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



4A74D3



C05A34



008C60

Complementary

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



4A74D3



D3A94A

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.



3D8731



4A74D3



A16E0E

Square

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



4A74D3



CD4A60



767D09



008E91

Rectangle

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



4A74D3



B8519E



767D09



008B50

Sweetspot

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



4A74D3



CFDDFF



4AD3A8



626B80



000000



808080

Same Dimension

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



4A74D3



3875FF



634AD3



5E6169



0034A8



000D29

Inverse Universe

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



D34A74



FF3875



BAD34A



695E61



A80034



29000D

Previews

White Background



This preview shows how the Hex color 4A74D3 looks on a white background.

Color Contrast Check

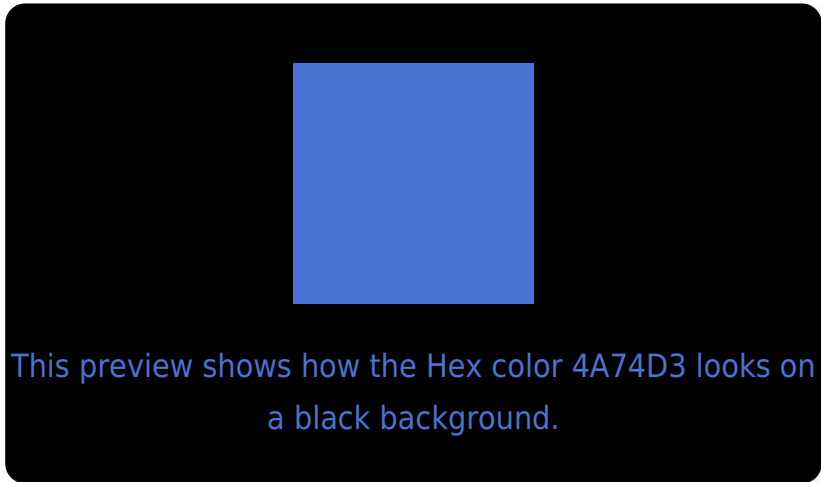
Large Text (above 18pt) WCAG AA ✓ Pass

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

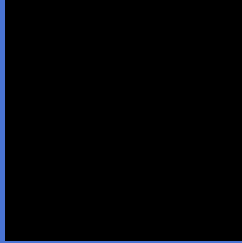
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

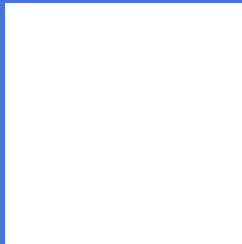
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4A74D3 Background



This preview shows how black text looks on a background with the Hex color 4A74D3.

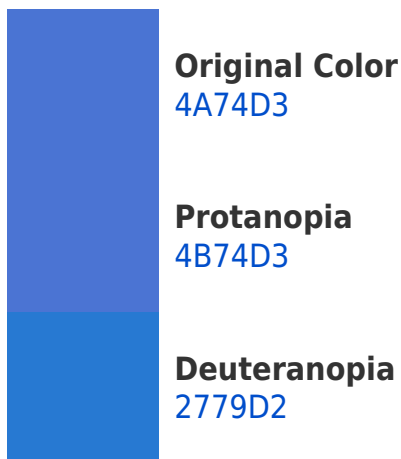


This preview shows how white text looks on a background with the Hex color 4A74D3.

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](#).

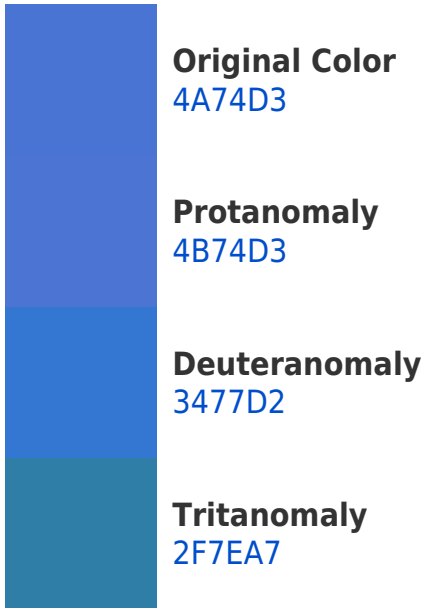
Dichromacy





Tritanopia
1F838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A74D3 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 #4A74D3 looks like.

```
.text, #text, p{  
    color:#4A74D3  
}
```

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 #4A74D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A74D3
}
```

Border

The CSS property to change the border of an element to Hex 4A74D3 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
#4A74D3 }
```

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

```
.border{ border-color:#4A74D3 }
```

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

Here you see how a box with a 4 pixel #4A74D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A74D3; -webkit-box-shadow:4px 4px  
4px 4px #4A74D3; box-shadow:4px 4px 4px  
4px #4A74D3 }
```

Background

The CSS property to change the background color of an element to Hex 4A74D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A74D3 }
```

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

```
.background{ background-color:#4A74D3 }
```

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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