

Converting Colors

Hex(4B73D1)

Have a look what the booklet for
Hex(4B73D1) contains.

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Color

Hex(4B73D1)

Conversions

Conversions Part 1

Format	Color
Hex	4B73D1
RGB	75, 115, 209
RGB Percent	29%, 45%, 82%
CMY	0.7059, 0.5490, 0.1804
CMYK	0.64, 0.45, 0.00, 0.18
HSL	222°, 59%, 56%
HSV	222°, 64%, 82%
XYZ	20.5410, 18.3608, 62.7830
YIQ	113.7560, -54.0140, 20.7540

Conversions

Conversions Part 2

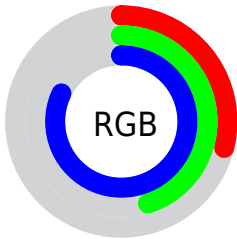
Format	Color
RYB	75, 106, 209
Decimal	4944849
CIELab	49.93, 15.87, -52.79
CIElCh	50, 55.125, 286.730
Yxy	18.3608, 0.2020, 0.1806
Android (android.graphics.Color)	4283134929 (0xFF4B73D1)
YUV	113.7560, 46.9553, -33.9890
Hunter-Lab	42.8495, 10.5820, -56.8770

Details

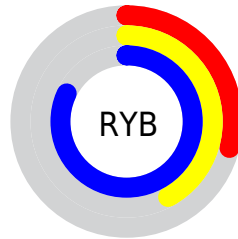
The Hex color **4B73D1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D1A94B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **88A6FF**, and **00449A** is the 20% darker color. If you saturate the color by 10%, you get **3664D1**, and if you desaturate by 10%, it is **6082D1**.

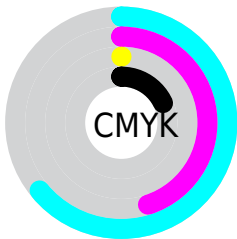
Distribution



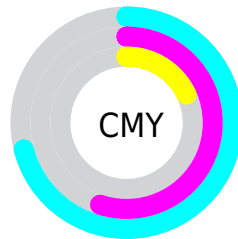
- Red (29%)
- Green (45%)
- Blue (82%)



- Red (29%)
- Yellow (42%)
- Blue (82%)



- Cyan (64%)
- Magenta (45%)
- Yellow (0%)
- Black (18%)



- Cyan (71%)
- Magenta (55%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B73D1 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 4B73D1 by changing the saturation by 10% instead.

 4B73D1

 4B73D1


FFFFFF

 275BB5

 88A6FF

 00449A

 A5C2FF

 002E7F

 C2DDFF

 001B66

 E0FAFF

 00004D

FEFFFF

 000535

 00021F

 000002

 000000

■ 4B73D1

■ 4B73D1

■ 3664D1

■ 6082D1

■ 2156D1

■ 7590D1

■ 0C47D1

■ 8A9FD1

■ 003ED1

■ 9FAED1

■ B4BCD1

■ C8CBD1

■ DDDAD1

■ F2E8D1

■ FFF7D1

Harmonies

Analogous

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



0082D2



4B73D1



9A5EB8

Triad

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



4B73D1



BE5934



008B60

Complementary

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



4B73D1



D1A94B

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.



3D8632



4B73D1



9F6D0F

Square

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



4B73D1



CB4A5F



757D0B



008D90

Rectangle

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



4B73D1



B7519D



757D0B



008A50

Sweetspot

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



4B73D1



CFDDFF



4BD1A9



626B80



000000



808080

Same Dimension

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



4B73D1



3B75FF



664BD1



5E6169



0032A8



000C29

Inverse Universe

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



D14B73



FF3B75



B6D14B



695E61



A80032



29000C

Previews

White Background



This preview shows how the Hex color 4B73D1 looks on a white background.

Color Contrast Check

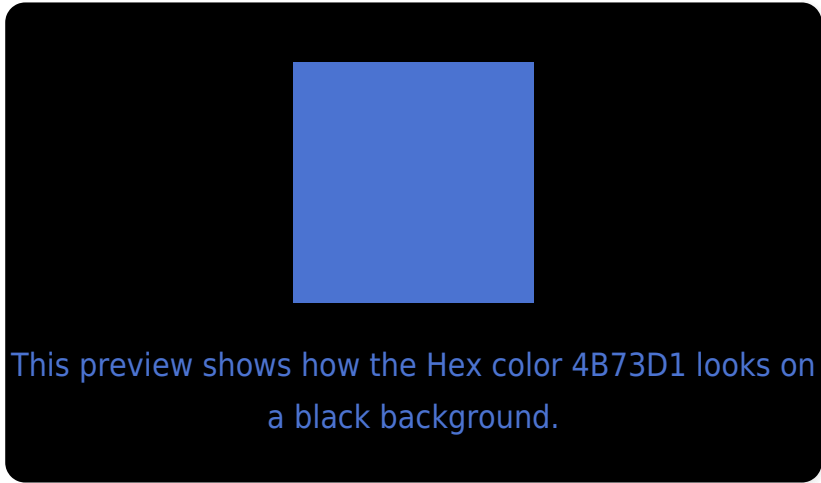
Large Text (above 18pt) WCAG AA ✓ Pass

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

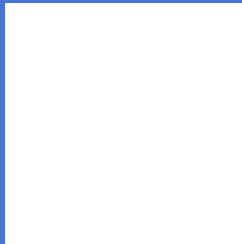
Any Text WCAG AAA × Fail

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

Hex 4B73D1 Background



This preview shows how black text looks on a background with the Hex color 4B73D1.



This preview shows how white text looks on a background with the Hex color 4B73D1.

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
4B73D1

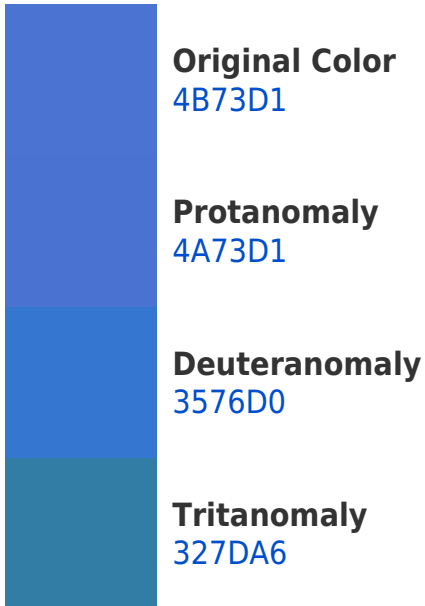
Protanopia
4A73D1

Deuteranopia
2978D0



Tritanopia
24828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B73D1 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 #4B73D1 looks like.

```
.text, #text, p{  
    color:#4B73D1  
}
```

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 #4B73D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B73D1
}
```

Border

The CSS property to change the border of an element to Hex 4B73D1 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
#4B73D1 }
```

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

```
.border{ border-color:#4B73D1 }
```

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

Here you see how a box with a 4 pixel #4B73D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B73D1; -webkit-box-shadow:4px 4px  
4px 4px #4B73D1; box-shadow:4px 4px 4px  
4px #4B73D1 }
```

Background

The CSS property to change the background color of an element to Hex 4B73D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B73D1 }
```

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

```
.background{ background-color:#4B73D1 }
```

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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