

Converting Colors

Hex(4371BD)

Have a look what the booklet for
Hex(4371BD) contains.

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Color

Hex(4371BD)

Conversions

Conversions Part 1

Format	Color
Hex	4371BD
RGB	67, 113, 189
RGB Percent	26%, 44%, 74%
CMY	0.7373, 0.5569, 0.2588
CMYK	0.65, 0.40, 0.00, 0.26
HSL	217°, 48%, 50%
HSV	217°, 65%, 74%
XYZ	17.4052, 16.6777, 50.4459
YIQ	107.9100, -51.8120, 13.8840

Conversions

Conversions Part 2

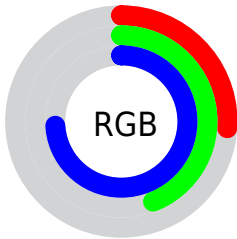
Format	Color
R _Y B	67, 100, 189
Decimal	4420029
CIE Lab	47.85, 8.71, -44.67
CIE LCh	48, 45.511, 281.037
Yxy	16.6777, 0.2059, 0.1973
Android (android.graphics.Color)	4282610109 (0xFF4371BD)
YUV	107.9100, 39.9774, -35.8781
Hunter-Lab	40.8383, 4.6092, -44.6517

Details

The Hex color **4371BD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BD8F43**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7EA4F6**, and **004287** is the 20% darker color. If you saturate the color by 10%, you get **3065BD**, and if you desaturate by 10%, it is **567DBD**.

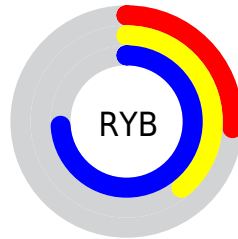
Distribution



Red (26%)

Green (44%)

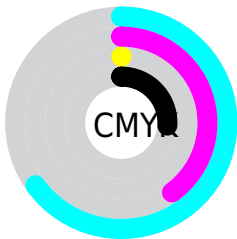
Blue (74%)



Red (26%)

Yellow (39%)

Blue (74%)

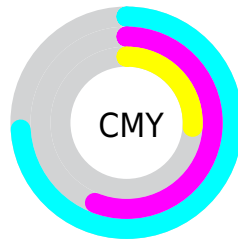


Cyan (65%)

Magenta (40%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (56%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4371BD 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 4371BD by changing the saturation by 10% instead.

■ 4371BD

■ 4371BD

FFFFFF

■ 1F59A2

■ 7EA4F6

■ 004287

■ 9BBFFF

■ 002C6D

■ B8DBFF

■ 001954

■ D5F8FF

■ 00063D

■ F3FFFF

■ 000326

■ 00010F

■ 000000

■ 4371BD

■ 4371BD

■ 3065BD

■ 567DBD

■ 1D59BD

■ 6989BD

■ 0A4EBD

■ 7C94BD

■ 0047BD

■ 8FA0BD

■ A2ACBD

■ B4B8BD

■ C7C3BD

■ DACFBD

■ EDDBBD

Harmonies

Analogous

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



007CBA



4371BD



8661AC

Triad

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



4371BD



B15841



008357

Complementary

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



4371BD



BD8F43

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.



4F7D34



4371BD



9A6726

Square

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



4371BD



B84F65



797420



00847F

Rectangle

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



4371BD



A15797



797420



25814B

Sweetspot

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



4371BD



C6D8F5



43BD8E



5E697A



FAFAFA



7A7A7A

Same Dimension

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



4371BD



387FF5



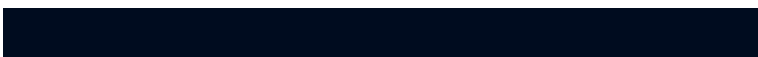
5143BD



55585E



003C9E



000C1F

Inverse Universe

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



BD4371



F5387F



AFBD43



5E5558



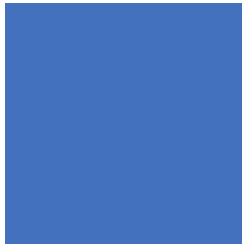
9E003C



1F000C

Previews

White Background



This preview shows how the Hex color 4371BD looks on a white background.

Color Contrast Check

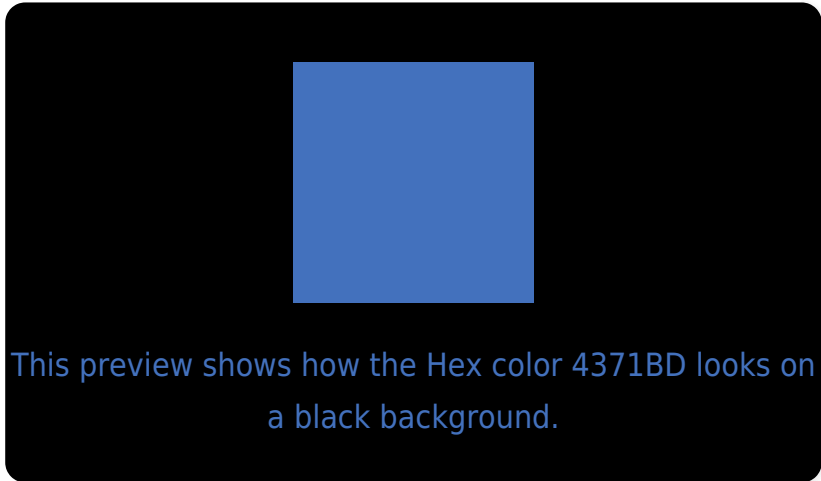
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4371BD Background



This preview shows how black text looks on a background with the Hex color 4371BD.



This preview shows how white text looks on a background with the Hex color 4371BD.

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
4371BD

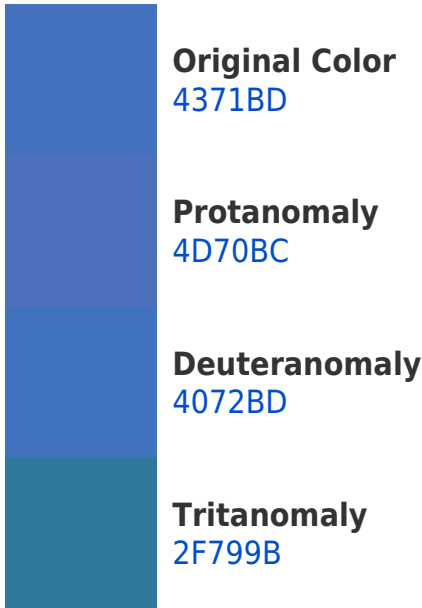
Protanopia
526FBB

Deuteranopia
3E72BD

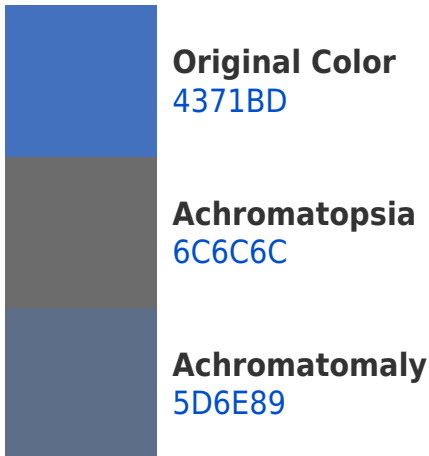


Tritanopia
247D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4371BD 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 #4371BD looks like.

```
.text, #text, p{  
    color:#4371BD  
}
```

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 #4371BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4371BD
}
```

Border

The CSS property to change the border of an element to Hex 4371BD 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
#4371BD }
```

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

```
.border{ border-color:#4371BD }
```

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

Here you see how a box with a 4 pixel #4371BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4371BD; -webkit-box-shadow:4px 4px  
4px 4px #4371BD; box-shadow:4px 4px 4px  
4px #4371BD }
```

Background

The CSS property to change the background color of an element to Hex 4371BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4371BD }
```

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

```
.background{ background-color:#4371BD }
```

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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