

Converting Colors

Hex(3B72BD)

Have a look what the booklet for
Hex(3B72BD) contains.

Hex(3B72BD)	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>	29

Color

Hex(3B72BD)

Conversions

Conversions Part 1

Format	Color
Hex	3B72BD
RGB	59, 114, 189
RGB Percent	23%, 45%, 74%
CMY	0.7686, 0.5529, 0.2588
CMYK	0.69, 0.40, 0.00, 0.26
HSL	215°, 52%, 49%
HSV	215°, 69%, 74%
XYZ	17.0063, 16.6386, 50.4593
YIQ	106.1050, -56.8550, 11.6650

Conversions

Conversions Part 2

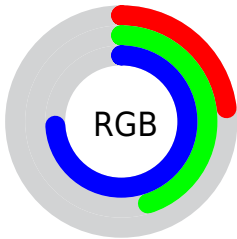
Format	Color
R_{YB}	59, 98, 189
Decimal	3895997
CIE _{Lab}	47.80, 6.74, -44.77
CIE _{LCh}	48, 45.274, 278.564
Yxy	16.6386, 0.2022, 0.1978
Android (android.graphics.Color)	4282086077 (0xFF3B72BD)
YUV	106.1050, 40.8672, -41.3111
Hunter-Lab	40.7904, 3.0367, -44.7908

Details

The Hex color **3B72BD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BD863B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **78A5F6**, and **004387** is the 20% darker color. If you saturate the color by 10%, you get **2867BD**, and if you desaturate by 10%, it is **4E7DBD**.

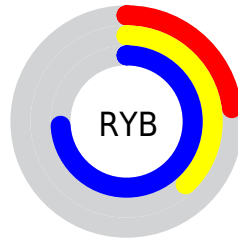
Distribution



Red (23%)

Green (45%)

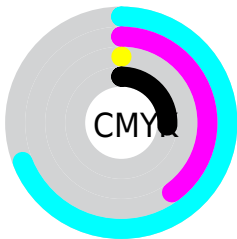
Blue (74%)



Red (23%)

Yellow (38%)

Blue (74%)

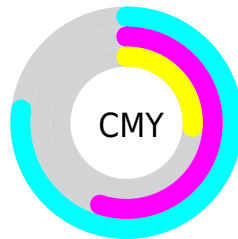


Cyan (69%)

Magenta (40%)

Yellow (0%)

Black (26%)



Cyan (77%)

Magenta (55%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B72BD 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 3B72BD by changing the saturation by 10% instead.

■ 3B72BD

■ 3B72BD

FFFFFF

■ 105AA2

■ 78A5F6

■ 004387

■ 95C0FF

■ 002D6D

■ B2DCFF

■ 001A54

■ D0F9FF

■ 00063D

■ EDFFFF

■ 000326

■ 00010F

■ 000000

■ 3B72BD

■ 3B72BD

■ 2867BD

■ 4E7DBD

■ 155CBD

■ 6188BD

■ 0251BD

■ 7493BD

■ 0050BD

■ 879EBD

■ 9AA9BD

■ ACB3BD

■ BFBEBD

■ D2C9BD

■ E5D4BD

Harmonies

Analogous

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



007DB8



3B72BD



8263AD

Triad

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



3B72BD



B25744



008254

Complementary

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



3B72BD



BD863B

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.



537D32



3B72BD



9C6528

Square

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



3B72BD



B74F68



7C7320



00847C

Rectangle

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



3B72BD



9E589A



7C7320



2D8148

Sweetspot

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



3B72BD



C1D7F5



3BBD85



5C697A



FAFAFA



7A7A7A

Same Dimension

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



3B72BD



2A80F5



443BBD



55595E



00439E



000D1F

Inverse Universe

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



BD3B72



F52A80



B4BD3B



5E5559



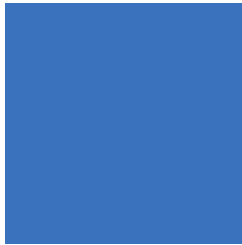
9E0043



1F000D

Previews

White Background



This preview shows how the Hex color 3B72BD 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



This preview shows how the Hex color 3B72BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

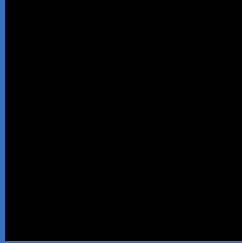
Any Text WCAG AA × Fail

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 3B72BD Background



This preview shows how black text looks on a background with the Hex color 3B72BD.

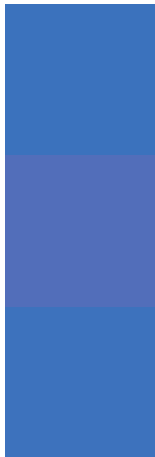


This preview shows how white text looks on a background with the Hex color 3B72BD.

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
3B72BD

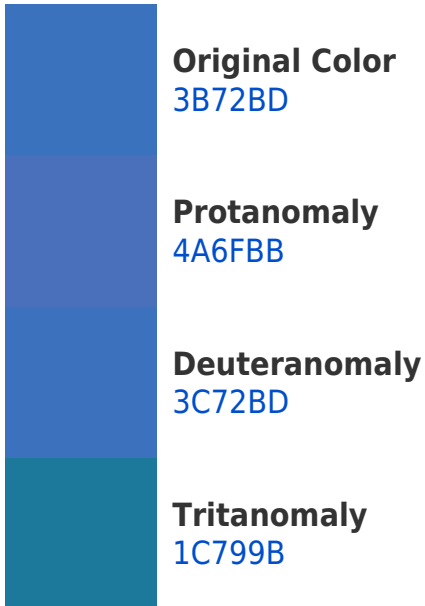
Protanopia
526EBA

Deuteranopia
3D72BD



Tritanopia
0A7D88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B72BD 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 #3B72BD looks like.

```
.text, #text, p{  
    color:#3B72BD  
}
```

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 #3B72BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B72BD
}
```

Border

The CSS property to change the border of an element to Hex 3B72BD 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
#3B72BD }
```

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

```
.border{ border-color:#3B72BD }
```

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

Here you see how a box with a 4 pixel #3B72BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B72BD; -webkit-box-shadow:4px 4px  
4px 4px #3B72BD; box-shadow:4px 4px 4px  
4px #3B72BD }
```

Background

The CSS property to change the background color of an element to Hex 3B72BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B72BD }
```

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

```
.background{ background-color:#3B72BD }
```

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