

Converting Colors

Hex(3B71A9)

Have a look what the booklet for
Hex(3B71A9) contains.

Hex(3B71A9)	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(3B71A9)

Conversions

Conversions Part 1

Format	Color
Hex	3B71A9
RGB	59, 113, 169
RGB Percent	23%, 44%, 66%
CMY	0.7686, 0.5569, 0.3373
CMYK	0.65, 0.33, 0.00, 0.34
HSL	211°, 48%, 45%
HSV	211°, 65%, 66%
XYZ	14.8702, 15.6046, 39.7644
YIQ	103.2380, -50.1600, 5.9680

Conversions

Conversions Part 2

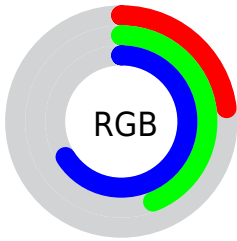
Format	Color
R _Y B	59, 95, 169
Decimal	3895721
CIE Lab	46.45, 0.23, -35.28
CIE LCh	46, 35.284, 270.377
Yxy	15.6046, 0.2117, 0.2222
Android (android.graphics.Color)	4282085801 (0xFF3B71A9)
YUV	103.2380, 32.4207, -38.7967
Hunter-Lab	39.5027, -1.9361, -32.0308

Details

The Hex color **3B71A9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A9733B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75A5E1**, and **004274** is the 20% darker color. If you saturate the color by 10%, you get **2A68A9**, and if you desaturate by 10%, it is **4C7AA9**.

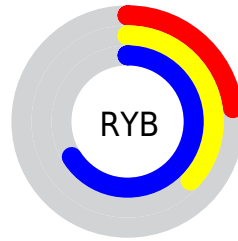
Distribution



Red (23%)

Green (44%)

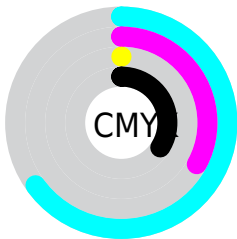
Blue (66%)



Red (23%)

Yellow (37%)

Blue (66%)

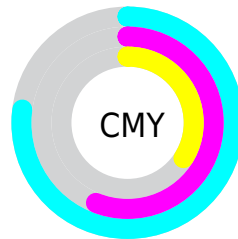


Cyan (65%)

Magenta (33%)

Yellow (0%)

Black (34%)



Cyan (77%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B71A9 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 3B71A9 by changing the saturation by 10% instead.

■ 3B71A9

■ 3B71A9

FFFFFF

■ 17598E

■ 75A5E1

■ 004274

■ 91C0FD

■ 002C5C

■ ADDBFF

■ 001844

■ CAF8FF

■ 00032D

■ E8FFFF

■ 000117

■ 000000

■ 3B71A9

■ 3B71A9

■ 2A68A9

■ 4C7AA9

■ 1960A9

■ 5D82A9

■ 0857A9

■ 6E8BA9

■ 0053A9

■ 7F93A9

■ 8F9CA9

■ A0A5A9

■ B1ADA9

■ C2B6A9

■ D3BEA9

Harmonies

Analogous

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



0079A1



3B71A9



7166A1

Triad

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



3B71A9



A55852



3C7B50

Complementary

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



3B71A9



A9733B

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.



617539



3B71A9



97623B

Square

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



3B71A9



A4556F



7F6D31



007D6D

Rectangle

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



3B71A9



895F94



7F6D31



497947

Sweetspot

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



3B71A9



AFC5DB



3BA972



53606E



EDEDED



6E6E6E

Same Dimension

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



3B71A9



3084DB



3B3BA9



4C5054



004994



000A14

Inverse Universe

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



A93B71



DB3084



A9A93B



544C50



940049



14000A

Previews

White Background



This preview shows how the Hex color 3B71A9 looks on a white background.

Color Contrast Check

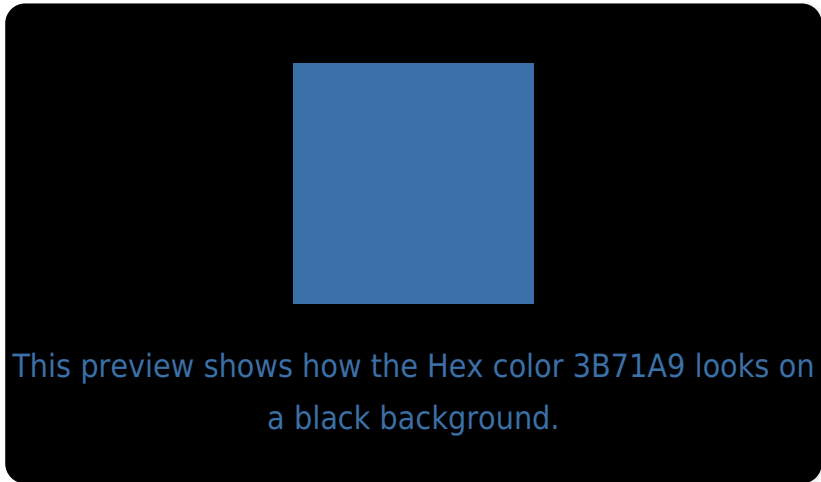
Large Text (above 18pt) WCAG AA ✓ Pass

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

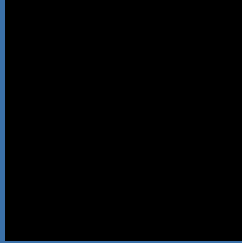
Any Text WCAG AA × Fail

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 3B71A9 Background



This preview shows how black text looks on a background with the Hex color 3B71A9.

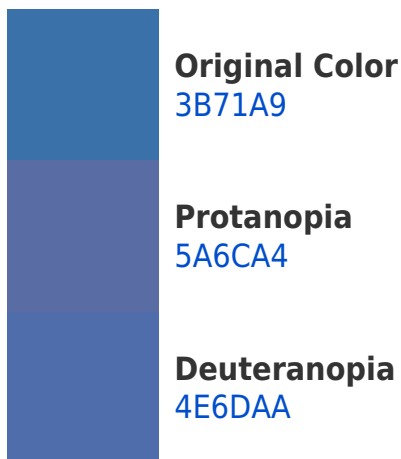


This preview shows how white text looks on a background with the Hex color 3B71A9.

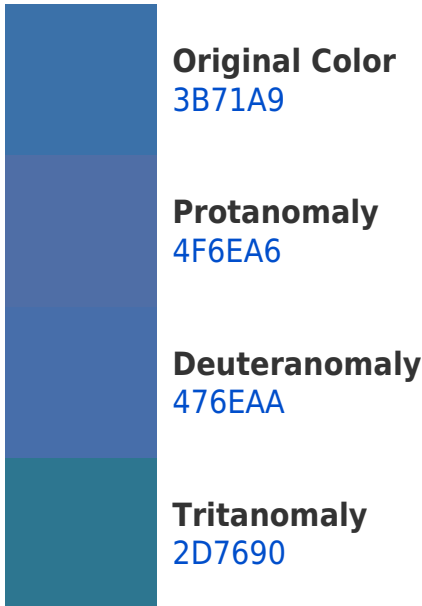
Color Blindness Simulation

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](#).

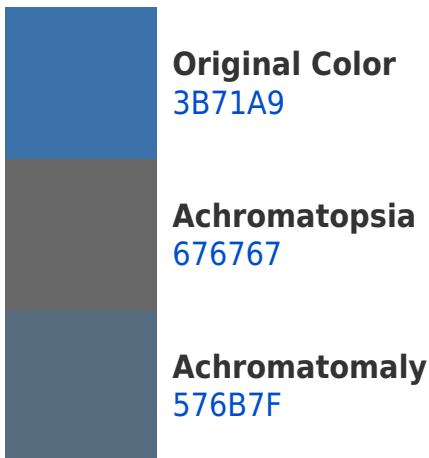
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B71A9 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 #3B71A9 looks like.

```
.text, #text, p{  
    color:#3B71A9  
}
```

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 #3B71A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B71A9
}
```

Border

The CSS property to change the border of an element to Hex 3B71A9 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
#3B71A9 }
```

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

```
.border{ border-color:#3B71A9 }
```

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

Here you see how a box with a 4 pixel #3B71A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B71A9; -webkit-box-shadow:4px 4px  
4px 4px #3B71A9; box-shadow:4px 4px 4px  
4px #3B71A9 }
```

Background

The CSS property to change the background color of an element to Hex 3B71A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B71A9 }
```

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

```
.background{ background-color:#3B71A9 }
```

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