

Converting Colors

Hex(3B3AA1)

Have a look what the booklet for
Hex(3B3AA1) contains.

Hex(3B3AA1)	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(3B3AA1)

Conversions

Conversions Part 1

Format	Color
Hex	3B3AA1
RGB	59, 58, 161
RGB Percent	23%, 23%, 63%
CMY	0.7686, 0.7725, 0.3686
CMYK	0.63, 0.64, 0.00, 0.37
HSL	241°, 47%, 43%
HSV	241°, 64%, 63%
XYZ	9.7497, 6.5291, 34.4646
YIQ	70.0410, -32.4670, 32.2450

Conversions

Conversions Part 2

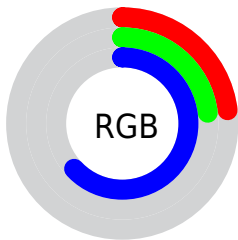
Format	Color
RYB	59, 58, 161
Decimal	3881633
CIELab	30.71, 32.72, -55.77
CIELCh	31, 64.658, 300.402
Yxy	6.5291, 0.1921, 0.1287
Android (android.graphics.Color)	4282071713 (0xFF3B3AA1)
YUV	70.0410, 44.8428, -9.6830
Hunter-Lab	25.5522, 23.3924, -62.0835

Details

The Hex color **3B3AA1** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A0A13A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **756AD9**, and **00106C** is the 20% darker color. If you saturate the color by 10%, you get **2B2AA1**, and if you desaturate by 10%, it is **4B4AA1**.

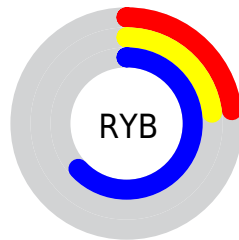
Distribution



Red (23%)

Green (23%)

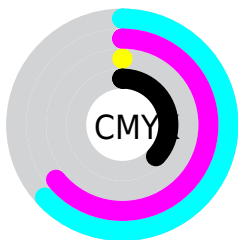
Blue (63%)



Red (23%)

Yellow (23%)

Blue (63%)

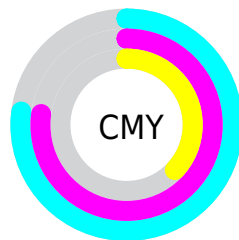


Cyan (63%)

Magenta (64%)

Yellow (0%)

Black (37%)



Cyan (77%)

Magenta (77%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3AA1 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 3B3AA1 by changing the saturation by 10% instead.

■ 3B3AA1

■ 3B3AA1

FFFFFF

■ 172486

■ 756AD9

■ 00106C

■ 9283F6

■ 000053

■ AE9DFF

■ 00063B

■ CCB8FF

■ 000225

■ E9D4FF

■ 00010D

■ FFF0FF

■ 000000

■ 3B3AA1

■ 3B3AA1

■ 2B2AA1

■ 4B4AA1

■ 1B1AA1

■ 5B5AA1

■ 0B0AA1

■ 6B6AA1

■ 0200A1

■ 7B7AA1

■ 8B8BA1

■ 9B9BA1

■ ABABA1

■ BBBBA1

■ CACBA1

Harmonies

Analogous

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



0050AF



3B3AA1



820F7B

Triad

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



3B3AA1



7F2F00



005C48

Complementary

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



3B3AA1



A0A13A

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.



00590E



3B3AA1



594700

Square

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



3B3AA1



970019



245300



005C7B

Rectangle

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



3B3AA1



96005B



245300



005B36

Sweetspot

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



3B3AA1



AAA9D1



3AA1A1



515169



E8E8E8



696969

Same Dimension

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



3B3AA1



3230D1



6E3AA1



4A4952



010091



000012

Inverse Universe

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



A13AA0



D130D0



6EA13A



524952



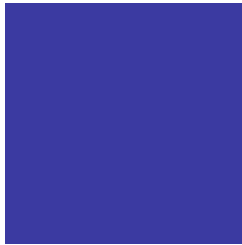
910090



120012

Previews

White Background



This preview shows how the Hex color 3B3AA1 looks on a white background.

Color Contrast Check

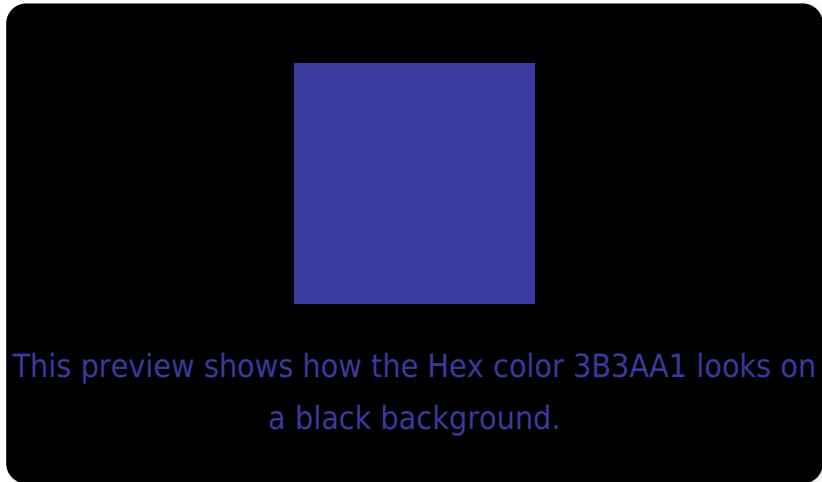
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

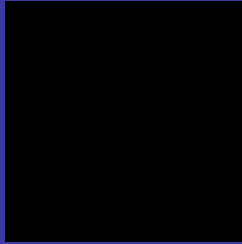
Any Text WCAG AA × Fail

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 3B3AA1 Background



This preview shows how black text looks on a background with the Hex color 3B3AA1.

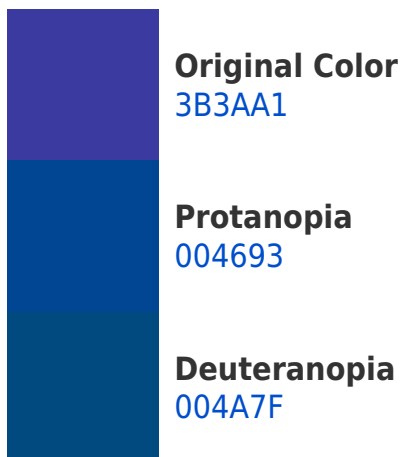


This preview shows how white text looks on a background with the Hex color 3B3AA1.

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
085057

Trichromacy



Original Color
3B3AA1

Protanomaly
154298

Deuteranomaly
15448B

Tritanomaly
1B4872

Monochromacy



Original Color
3B3AA1

Achromatopsia
464646

Achromatomaly
424267

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3AA1 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 #3B3AA1 looks like.

```
.text, #text, p{  
    color:#3B3AA1  
}
```

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 #3B3AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3AA1
}
```

Border

The CSS property to change the border of an element to Hex 3B3AA1 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
#3B3AA1 }
```

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

```
.border{ border-color:#3B3AA1 }
```

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

Here you see how a box with a 4 pixel #3B3AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3AA1; -webkit-box-shadow:4px 4px  
4px 4px #3B3AA1; box-shadow:4px 4px 4px  
4px #3B3AA1 }
```

Background

The CSS property to change the background color of an element to Hex 3B3AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3AA1 }
```

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

```
.background{ background-color:#3B3AA1 }
```

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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