

Converting Colors

Hex(3B3AAA)

Have a look what the booklet for
Hex(3B3AAA) contains.

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Color

Hex(3B3AAA)

Conversions

Conversions Part 1

Format	Color
Hex	3B3AAA
RGB	59, 58, 170
RGB Percent	23%, 23%, 67%
CMY	0.7686, 0.7725, 0.3333
CMYK	0.65, 0.66, 0.00, 0.33
HSL	241°, 49%, 45%
HSV	241°, 66%, 67%
XYZ	10.5724, 6.8582, 38.7967
YIQ	71.0670, -35.3560, 35.0440

Conversions

Conversions Part 2

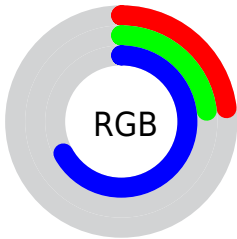
Format	Color
R_{YB}	59, 58, 170
Decimal	3881642
CIE _{Lab}	31.48, 35.80, -59.92
CIE _{LCh}	31, 69.803, 300.855
Yxy	6.8582, 0.1880, 0.1220
Android (android.graphics.Color)	4282071722 (0xFF3B3AAA)
YUV	71.0670, 48.7740, -10.5828
Hunter-Lab	26.1882, 26.2327, -69.5041

Details

The Hex color **3B3AAA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A9AA3A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **776AE2**, and **000F75** is the 20% darker color. If you saturate the color by 10%, you get **2A29AA**, and if you desaturate by 10%, it is **4C4BAA**.

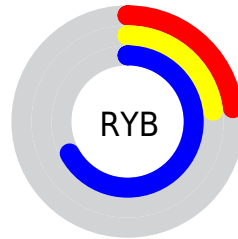
Distribution



Red (23%)

Green (23%)

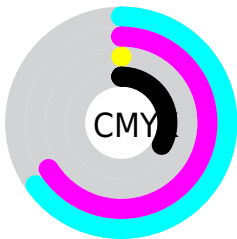
Blue (67%)



Red (23%)

Yellow (23%)

Blue (67%)

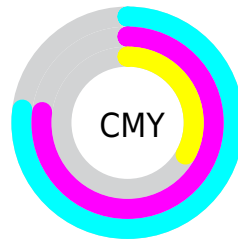


Cyan (65%)

Magenta (66%)

Yellow (0%)

Black (33%)



Cyan (77%)

Magenta (77%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3AAA 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 3B3AAA by changing the saturation by 10% instead.



3B3AAA



3B3AAA

FFFFFF



13248F



776AE2



000F75



9483FF



00005B



B19DFF



000743



CEB8FF



00032C



ECD4FF



000116



FFF1FF



000000



3B3AAA



3B3AAA



2A29AA



4C4BAA

■ 1918AA

■ 5D5CAA

■ 0807AA

■ 6E6DAA

■ 0200AA

■ 7E7EAA

■ 8F8FAA

■ A0A0AA

■ B1B1AA

■ C2C2AA

■ D3D3AA

Harmonies

Analogous

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



0052BA



3B3AAA



890081

Triad

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



3B3AAA



842F00



005F4A

Complementary

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



3B3AAA



A9AA3A

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.



005C0A



3B3AAA



5A4900

Square

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



3B3AAA



9F0016



1E5600



005F82

Rectangle

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



3B3AAA



9F005D



1E5600



005E37

Sweetspot

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



3B3AAA



B2B1DE



3AAAAA



565570



F0F0F0



707070

Same Dimension

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



3B3AAA



302FDE



723AAA



4C4C54



010094



000014

Inverse Universe

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



AA3AA9



DE2FDC



72AA3A



544C54



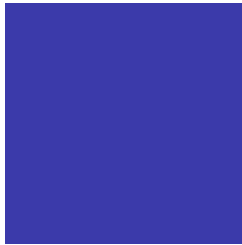
940093



140014

Previews

White Background



This preview shows how the Hex color 3B3AAA looks on a white background.

Color Contrast Check

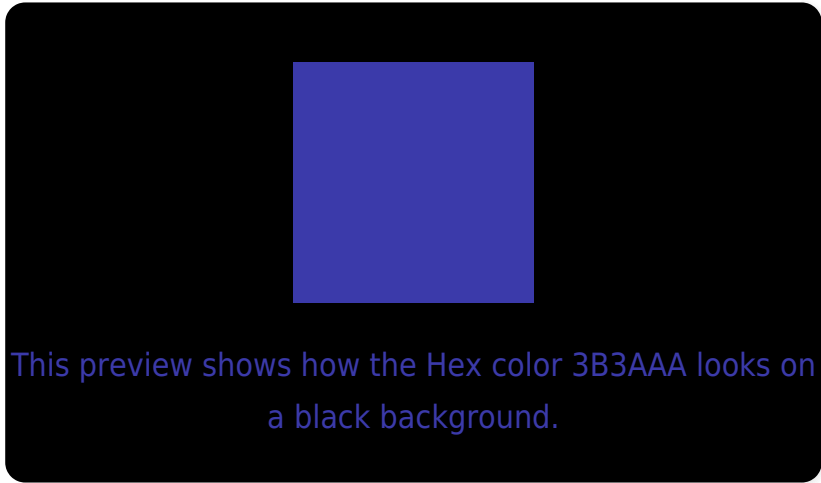
Large Text (above 18pt) WCAG AA ✓ Pass

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

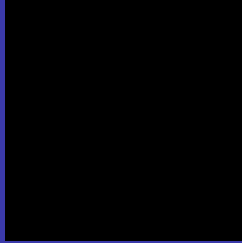
Any Text WCAG AA × Fail

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 3B3AAA Background



This preview shows how black text looks on a background with the Hex color 3B3AAA.

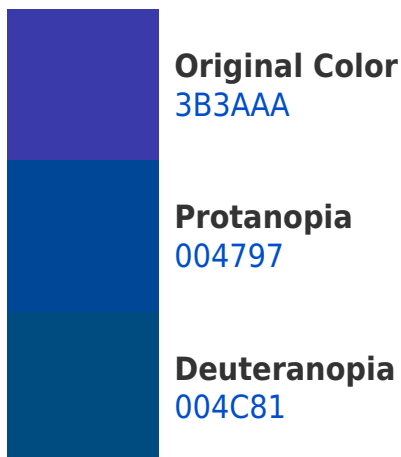


This preview shows how white text looks on a background with the Hex color 3B3AAA.

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



Original Color
3B3AAA

Protanomaly
15429E

Deuteranomaly
154590

Tritanomaly
154976

Monochromacy



Original Color
3B3AAA

Achromatopsia
474747

Achromatomaly
43426B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3AAA 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 #3B3AAA looks like.

```
.text, #text, p{  
    color:#3B3AAA  
}
```

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 #3B3AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3AAA
}
```

Border

The CSS property to change the border of an element to Hex 3B3AAA 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
#3B3AAA }
```

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

```
.border{ border-color:#3B3AAA }
```

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

Here you see how a box with a 4 pixel #3B3AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3AAA; -webkit-box-shadow:4px 4px  
4px 4px #3B3AAA; box-shadow:4px 4px 4px  
4px #3B3AAA }
```

Background

The CSS property to change the background color of an element to Hex 3B3AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3AAA }
```

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

```
.background{ background-color:#3B3AAA }
```

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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