

Converting Colors

Hex(3B0A82)

Have a look what the booklet for
Hex(3B0A82) contains.

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Color

Hex(3B0A82)

Conversions

Conversions Part 1

Format	Color
Hex	3B0A82
RGB	59, 10, 130
RGB Percent	23%, 4%, 51%
CMY	0.7686, 0.9608, 0.4902
CMYK	0.55, 0.92, 0.00, 0.49
HSL	264°, 86%, 27%
HSV	264°, 92%, 51%
XYZ	5.9414, 2.7586, 21.3384
YIQ	38.3310, -9.3160, 47.7080

Conversions

Conversions Part 2

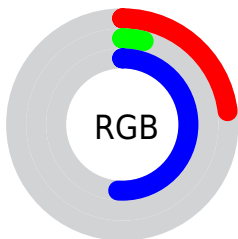
Format	Color
RYB	59, 10, 130
Decimal	3869314
CIELab	19.05, 47.36, -55.74
CIELCh	19, 73.142, 310.353
Yxy	2.7586, 0.1978, 0.0918
Android (android.graphics.Color)	4282059394 (0xFF3B0A82)
YUV	38.3310, 45.1928, 18.1267
Hunter-Lab	16.6090, 34.7879, -64.5464

Details

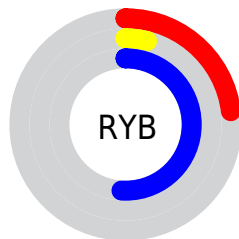
The Hex color **3B0A82** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **51820A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **733FB8**, and **00004F** is the 20% darker color. If you saturate the color by 10%, you get **350082**, and if you desaturate by 10%, it is **431782**.

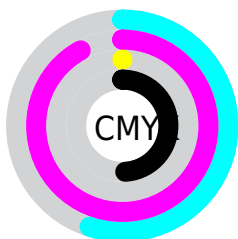
Distribution



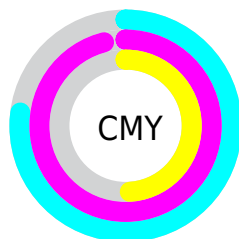
- Red (23%)
- Green (4%)
- Blue (51%)



- Red (23%)
- Yellow (4%)
- Blue (51%)



- Cyan (55%)
- Magenta (92%)
- Yellow (0%)
- Black (49%)



- Cyan (77%)
- Magenta (96%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0A82 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 3B0A82 by changing the saturation by 10% instead.

■ 3B0A82

■ 3B0A82

■ FFFCFF

■ 1B0068

■ 733FB8

■ 00004F

■ 8F58D4

■ 000537

■ AB72F1

■ 000221

■ C88CFF

■ 000006

■ E6A7FF

■ 000000

■ FFC3FF

■ FFDFFF

■ 3B0A82

■ 3B0A82

■ 350082

■ 431782

■ 4A2482

■ 523182

■ 5A3E82

■ 614B82

■ 695882

■ 716582

■ 797282

■ 807F82

Harmonies

Analogous

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



00329B



3B0A82



750053

Triad

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



3B0A82



551C00



004040

Complementary

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



3B0A82



51820A

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.



003E02



3B0A82



293200

Square

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



3B0A82



740000



003B00



004174

Rectangle

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



3B0A82



810031



003B00



00402E

Sweetspot

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



3B0A82



8C79A8



0A5282



433854



D4D4D4



545454

Same Dimension

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



3B0A82



4500A8



760A82



3C3940



340080



000000

Inverse Universe

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



820A51



A80064



16820A



40393D



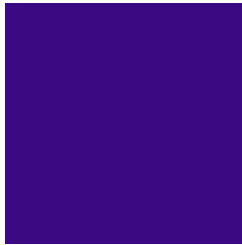
80004B



000000

Previews

White Background



This preview shows how the Hex color 3B0A82 looks on a white background.

Color Contrast Check

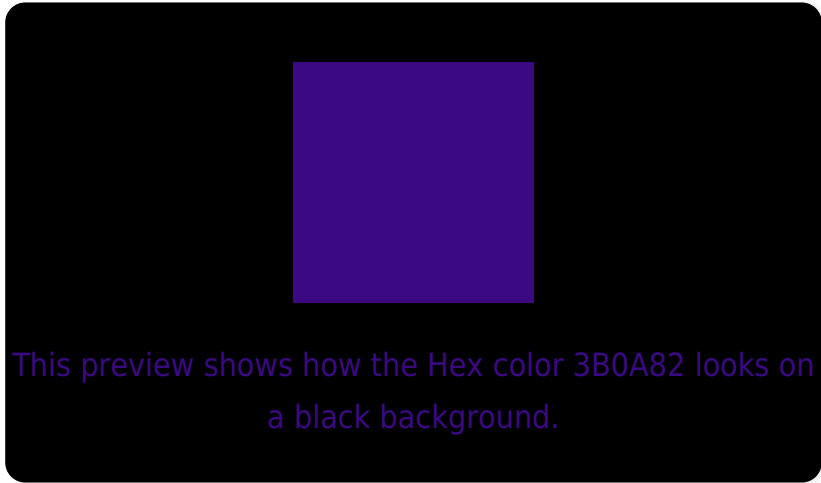
Large Text (above 18pt) WCAG AA ✓ Pass

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

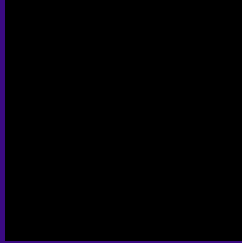
Any Text WCAG AA × Fail

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 3B0A82 Background



This preview shows how black text looks on a background with the Hex color 3B0A82.



This preview shows how white text looks on a background with the Hex color 3B0A82.

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](#).

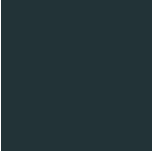
Dichromacy



Original Color
3B0A82

Protanopia
002F62

Deuteranopia
003254



Tritanopia
223337

Trichromacy



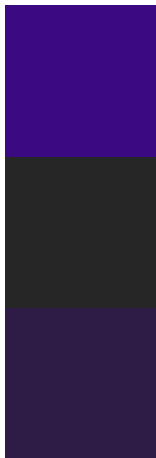
Original Color
3B0A82

Protanomaly
15226E

Deuteranomaly
152365

Tritanomaly
2B2452

Monochromacy



Original Color
3B0A82

Achromatopsia
262626

Achromatomaly
2E1C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0A82 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 #3B0A82 looks like.

```
.text, #text, p{  
    color:#3B0A82  
}
```

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 #3B0A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0A82
}
```

Border

The CSS property to change the border of an element to Hex 3B0A82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

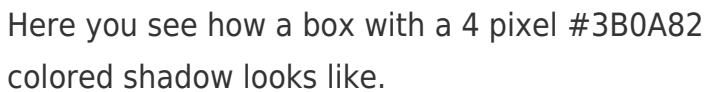
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B0A82 }
```

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

```
.border{ border-color:#3B0A82 }
```

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



Here you see how a box with a 4 pixel #3B0A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0A82; -webkit-box-shadow:4px 4px  
4px 4px #3B0A82; box-shadow:4px 4px 4px  
4px #3B0A82 }
```

Background

The CSS property to change the background color of an element to Hex 3B0A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0A82 }
```

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

```
.background{ background-color:#3B0A82 }
```

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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