

Converting Colors

Hex(3B295A)

Have a look what the booklet for
Hex(3B295A) contains.

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Color

Hex(3B295A)

Conversions

Conversions Part 1

Format	Color
Hex	3B295A
RGB	59, 41, 90
RGB Percent	23%, 16%, 35%
CMY	0.7686, 0.8392, 0.6471
CMYK	0.34, 0.54, 0.00, 0.65
HSL	262°, 37%, 26%
HSV	262°, 54%, 35%
XYZ	4.4420, 3.2539, 10.0668
YIQ	51.9680, -5.0010, 19.0550

Conversions

Conversions Part 2

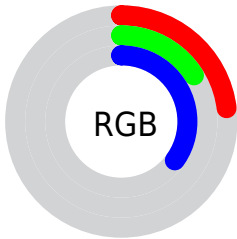
Format	Color
R_{YB}	59, 41, 90
Decimal	3877210
CIE _{Lab}	21.03, 20.48, -26.59
CIE _{LCh}	21, 33.557, 307.603
Yxy	3.2539, 0.2501, 0.1832
Android (android.graphics.Color)	4282067290 (0xFF3B295A)
YUV	51.9680, 18.7498, 6.1671
Hunter-Lab	18.0385, 12.3889, -20.4612

Details

The Hex color **3B295A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **485A29**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6C578C**, and **12002C** is the 20% darker color. If you saturate the color by 10%, you get **35205A**, and if you desaturate by 10%, it is **41325A**.

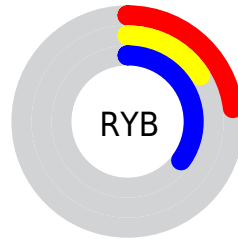
Distribution



 Red (23%)

 Green (16%)

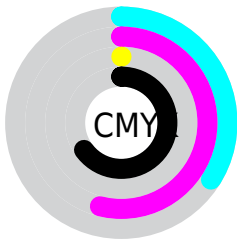
 Blue (35%)



 Red (23%)

 Yellow (16%)

 Blue (35%)

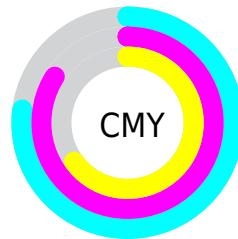


 Cyan (34%)

 Magenta (54%)

 Yellow (0%)

 Black (65%)



 Cyan (77%)

 Magenta (84%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B295A 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 3B295A by changing the saturation by 10% instead.

■ 3B295A

■ 3B295A

FFFFFF

■ 241442

■ 6C578C

■ 12002C

■ 866FA7

■ 000116

■ A189C2

■ 000000

■ BCA3DE

■ D8BEFB

■ F5DAFF

■ FFF7FF

■ 3B295A

■ 3B295A

■ 35205A

■ 41325A

■ 30175A

■ 463B5A

■ 2A0E5A

■ 4C445A

■ 24055A

■ 524D5A

■ 21005A

■ 57565A

■ 5D5F5A

■ 63685A

■ 69715A

■ 6E7A5A

Harmonies

Analogous

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



003364



3B295A



551D46

Triad

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



3B295A



4D2A00



003E38

Complementary

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



3B295A



485A29

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.



003D1F



3B295A



393300

Square

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



3B295A



5B1F16



1E3905



003D50

Rectangle

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



3B295A



5D1936



1E3905



003E30

Sweetspot

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



3B295A



696375



29485A



34303B



BABABA



3B3B3B

Same Dimension

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



3B295A



452975



53295A



2B292E



28006E



5700ED

Inverse Universe

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



5A2948



752959



305A29



2E292C



6E0045



ED0096

Previews

White Background



This preview shows how the Hex color 3B295A looks on a white background.

Color Contrast Check

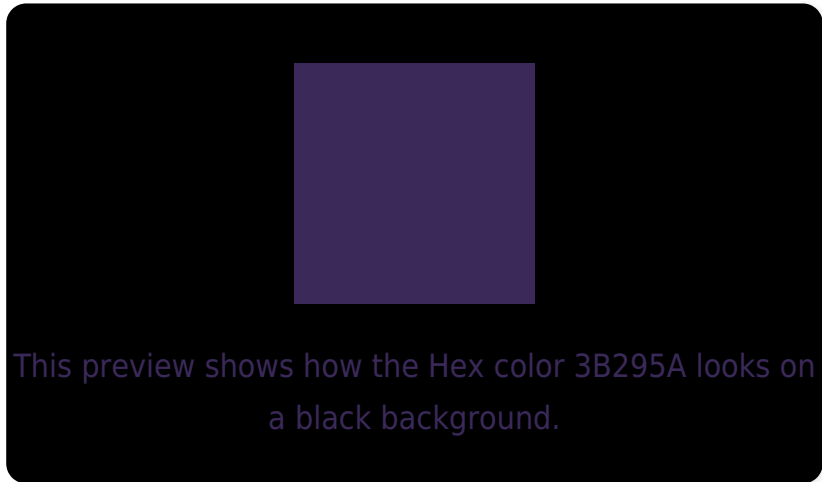
Large Text (above 18pt) WCAG AA ✓ Pass

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

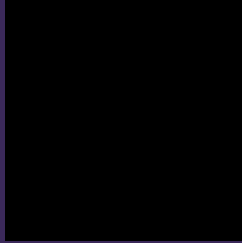
Any Text WCAG AA × Fail

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 3B295A Background



This preview shows how black text looks on a background with the Hex color 3B295A.



This preview shows how white text looks on a background with the Hex color 3B295A.

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
3B295A

Protanopia
163162

Deuteranopia
163358



Tritanopia
343236

Trichromacy



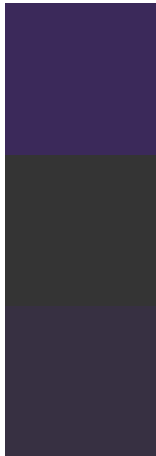
Original Color
3B295A

Protanomaly
232E5F

Deuteranomaly
232F59

Tritanomaly
372F43

Monochromacy



Original Color
3B295A

Achromatopsia
343434

Achromatomaly
373042

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B295A 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 #3B295A looks like.

```
.text, #text, p{  
    color:#3B295A  
}
```

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 #3B295A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B295A
}
```

Border

The CSS property to change the border of an element to Hex 3B295A is called "border". The border property can be set on classes, ids or directly on the HTML element.

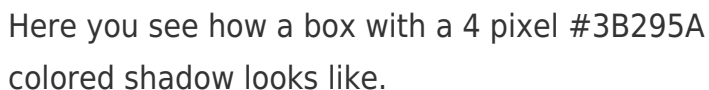
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B295A }
```

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

```
.border{ border-color:#3B295A }
```

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



Here you see how a box with a 4 pixel #3B295A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B295A; -webkit-box-shadow:4px 4px  
4px 4px #3B295A; box-shadow:4px 4px 4px  
4px #3B295A }
```

Background

The CSS property to change the background color of an element to Hex 3B295A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B295A }
```

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

```
.background{ background-color:#3B295A }
```

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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