

Converting Colors

Hex(3B2959)

Have a look what the booklet for
Hex(3B2959) contains.

Hex(3B2959)	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(3B2959)

Conversions

Conversions Part 1

Format	Color
Hex	3B2959
RGB	59, 41, 89
RGB Percent	23%, 16%, 35%
CMY	0.7686, 0.8392, 0.6510
CMYK	0.34, 0.54, 0.00, 0.65
HSL	262°, 37%, 25%
HSV	262°, 54%, 35%
XYZ	4.3997, 3.2370, 9.8441
YIQ	51.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

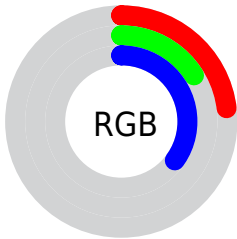
Format	Color
R _Y B	59, 41, 89
Decimal	3877209
CIE Lab	20.97, 20.18, -26.02
CIE LCh	21, 32.932, 307.790
Yxy	3.2370, 0.2517, 0.1852
Android (android.graphics.Color)	4282067289 (0xFF3B2959)
YUV	51.8540, 18.3130, 6.2670
Hunter-Lab	17.9915, 12.1661, -19.8465

Details

The Hex color **3B2959** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **475929**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6C578B**, and **12002B** is the 20% darker color. If you saturate the color by 10%, you get **352059**, and if you desaturate by 10%, it is **413259**.

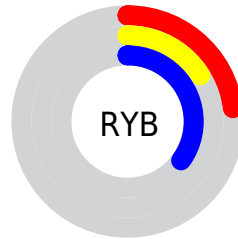
Distribution



Red (23%)

Green (16%)

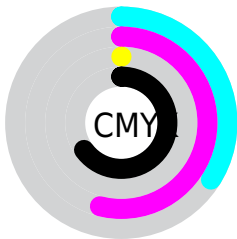
Blue (35%)



Red (23%)

Yellow (16%)

Blue (35%)

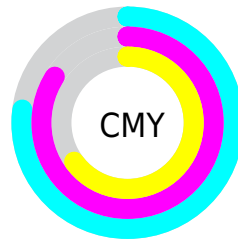


Cyan (34%)

Magenta (54%)

Yellow (0%)

Black (65%)



Cyan (77%)

Magenta (84%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B2959 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 3B2959 by changing the saturation by 10% instead.



3B2959



3B2959

FFFFFF



241441



6C578B



12002B



866FA6



000115



A089C1



000000



BCA3DD



D8BEFA



F4DAFF



FFF7FF



3B2959



3B2959

■ 352059

■ 413259

■ 301759

■ 463B59

■ 2A0E59

■ 4C4459

■ 250559

■ 514D59

■ 210059

■ 575659

■ 5C5E59

■ 626759

■ 687059

■ 6D7959

Harmonies

Analogous

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



003363



3B2959



541E45

Triad

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



3B2959



4C2A00



003E38

Complementary

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



3B2959



475929

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.



003C1F



3B2959



393300

Square

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



3B2959



5A2016



1E3907



003D50

Rectangle

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



3B2959



5C1935



1E3907



003D30

Sweetspot

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



3B2959



676073



294759



34303B



BABABA



3B3B3B

Same Dimension

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



3B2959



442873



532959



29272B



28006B



5800EB

Inverse Universe

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



592947



732857



2F5929



2B272A



6B0043



EB0093

Previews

White Background



This preview shows how the Hex color 3B2959 looks on a white background.

Color Contrast Check

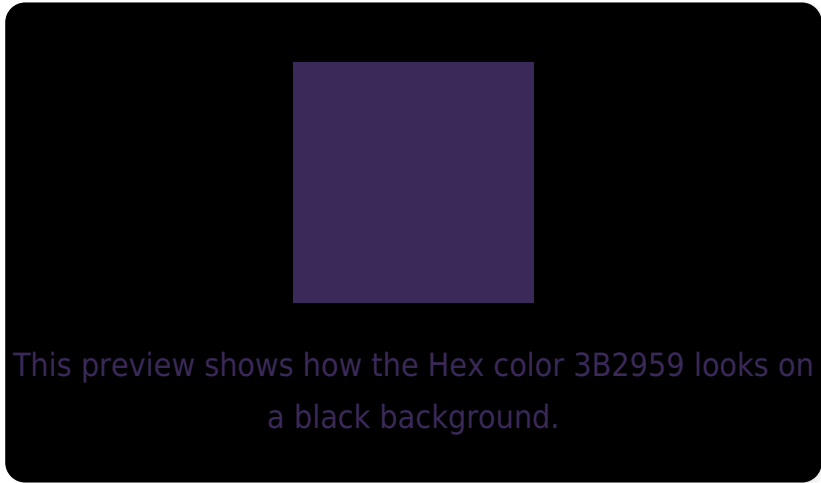
Large Text (above 18pt) WCAG AA ✓ Pass

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

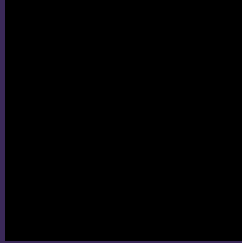
Any Text WCAG AA × Fail

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 3B2959 Background



This preview shows how black text looks on a background with the Hex color 3B2959.



This preview shows how white text looks on a background with the Hex color 3B2959.

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
3B2959

Protanopia
173161

Deuteranopia
183357



Tritanopia
343236

Trichromacy



Original Color
3B2959

Protanomaly
242E5E

Deuteranomaly
252F58

Tritanomaly
372F43

Monochromacy



Original Color
3B2959

Achromatopsia
343434

Achromatomaly
373041

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B2959 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 #3B2959 looks like.

```
.text, #text, p{  
    color:#3B2959  
}
```

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 #3B2959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2959
}
```

Border

The CSS property to change the border of an element to Hex 3B2959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

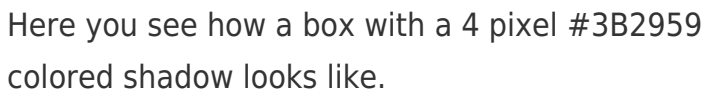
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B2959 }
```

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

```
.border{ border-color:#3B2959 }
```

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



Here you see how a box with a 4 pixel #3B2959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B2959; -webkit-box-shadow:4px 4px  
4px 4px #3B2959; box-shadow:4px 4px 4px  
4px #3B2959 }
```

Background

The CSS property to change the background color of an element to Hex 3B2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B2959 }
```

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

```
.background{ background-color:#3B2959 }
```

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