

Converting Colors

Hex(3B103B)

Have a look what the booklet for
Hex(3B103B) contains.

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Color

Hex(3B103B)

Conversions

Conversions Part 1

Format	Color
Hex	3B103B
RGB	59, 16, 59
RGB Percent	23%, 6%, 23%
CMY	0.7686, 0.9373, 0.7686
CMYK	0.00, 0.73, 0.00, 0.77
HSL	300°, 57%, 15%
HSV	300°, 73%, 23%
XYZ	2.7783, 1.6162, 4.3032
YIQ	33.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

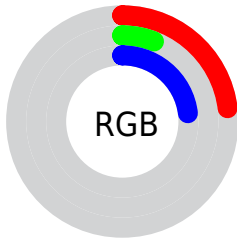
Format	Color
RYB	59, 16, 59
Decimal	3870779
CIELab	13.33, 27.61, -17.56
CIElCh	13, 32.719, 327.543
Yxy	1.6162, 0.3194, 0.1858
Android (android.graphics.Color)	4282060859 (0xFF3B103B)
YUV	33.7590, 12.4438, 22.1364
Hunter-Lab	12.7128, 16.7631, -11.1702

Details

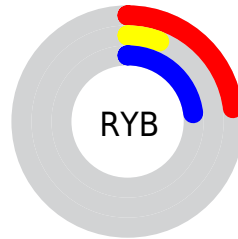
The Hex color **3B103B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **103B10**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6C3E6B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **3B0A3B**, and if you desaturate by 10%, it is **3B163B**.

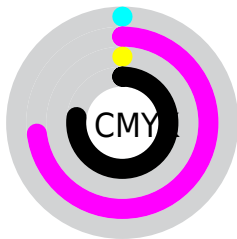
Distribution



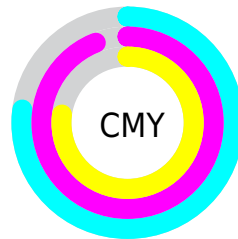
- Red (23%)
- Green (6%)
- Blue (23%)



- Red (23%)
- Yellow (6%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (0%)
- Black (77%)



- Cyan (77%)
- Magenta (94%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B103B 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 3B103B by changing the saturation by 10% instead.

 3B103B

 3B103B

 FFF7FF

 260025

 6C3E6B

 00010E

 865684

 000000

 A16F9E

 BC89B9

 D8A3D5

 F5BFF1

 FFDBFF

 3B103B

 3B103B

■ 3B0A3B

■ 3B163B

■ 3B043B

■ 3B1C3B

■ 3B003B

■ 3B223B

■ 3B283B

■ 3B2D3B

■ 3B333B

■ 3B393B

■ 3B3F3B

■ 3B453B

Harmonies

Analogous

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



1B1D4B



3B103B



480525

Triad

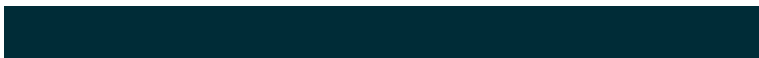
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3B103B



2D2100



002C37

Complementary

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



3B103B



103B10

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.



002C20



3B103B



182700

Square

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



3B103B



3E1700



002A04



002A49

Rectangle

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



3B103B



490616



002A04



002C2F

Sweetspot

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



3B103B



4D3C4D



10103B



261C26



A6A6A6



262626

Same Dimension

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



3B103B



4D0A4D



3B1025



1F1C1F



5E005E



DE00DE

Inverse Universe

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



3B103B



4D0A4D



103B25



1F1C1F



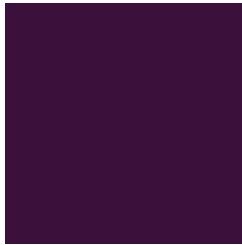
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 3B103B looks on a white background.

Color Contrast Check

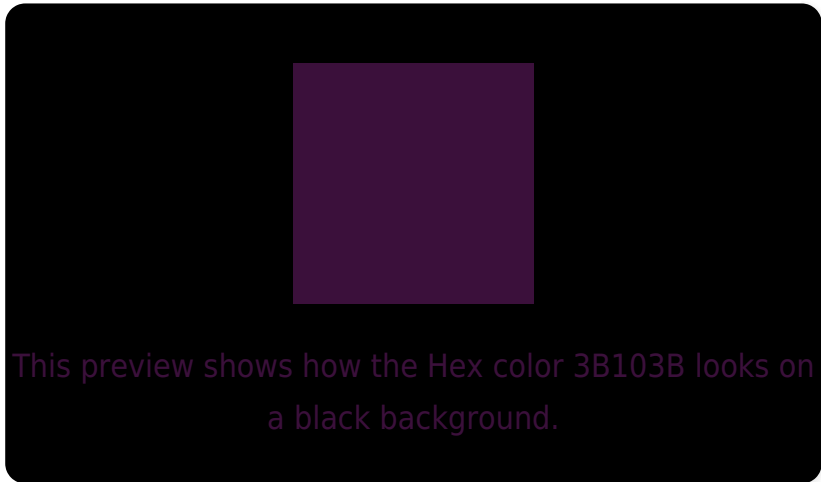
Large Text (above 18pt) WCAG AA ✓ Pass

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

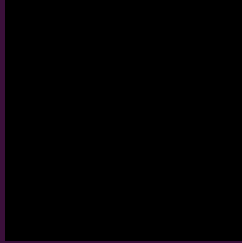
Any Text WCAG AA × Fail

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 3B103B Background



This preview shows how black text looks on a background with the Hex color 3B103B.



This preview shows how white text looks on a background with the Hex color 3B103B.

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
3B103B

Protanopia
002349

Deuteranopia
192438



Tritanopia
381B1D

Trichromacy



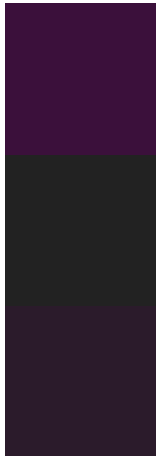
Original Color
3B103B

Protanomaly
151C44

Deuteranomaly
251D39

Tritanomaly
391728

Monochromacy



Original Color
3B103B

Achromatopsia
222222

Achromatomaly
2B1B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B103B 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 #3B103B looks like.

```
.text, #text, p{  
    color:#3B103B  
}
```

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 #3B103B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B103B
}
```

Border

The CSS property to change the border of an element to Hex 3B103B is called "border". The border property can be set on classes, ids or directly on the HTML element.

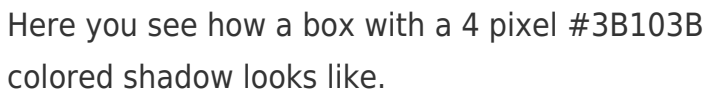
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B103B }
```

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

```
.border{ border-color:#3B103B }
```

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



Here you see how a box with a 4 pixel #3B103B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B103B; -webkit-box-shadow:4px 4px  
4px 4px #3B103B; box-shadow:4px 4px 4px  
4px #3B103B }
```

Background

The CSS property to change the background color of an element to Hex 3B103B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B103B }
```

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

```
.background{ background-color:#3B103B }
```

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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