

Converting Colors

Hex(3B1835)

Have a look what the booklet for
Hex(3B1835) contains.

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Color

Hex(3B1835)

Conversions

Conversions Part 1

Format	Color
Hex	3B1835
RGB	59, 24, 53
RGB Percent	23%, 9%, 21%
CMY	0.7686, 0.9059, 0.7922
CMYK	0.00, 0.59, 0.10, 0.77
HSL	310°, 42%, 16%
HSV	310°, 59%, 23%
XYZ	2.7729, 1.8401, 3.5772
YIQ	37.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

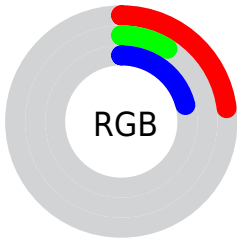
Format	Color
RYB	59, 24, 53
Decimal	3872821
CIELab	14.62, 21.92, -11.25
CIELCh	15, 24.639, 332.821
Yxy	1.8401, 0.3386, 0.2247
Android (android.graphics.Color)	4282062901 (0xFF3B1835)
YUV	37.7710, 7.5079, 18.6178
Hunter-Lab	13.5651, 12.7487, -6.1396

Details

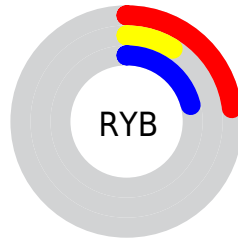
The Hex color **3B1835** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **183B1E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6B4564**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **3B1234**, and if you desaturate by 10%, it is **3B1E36**.

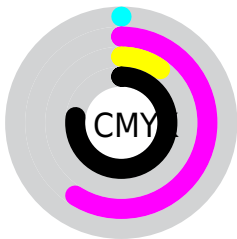
Distribution



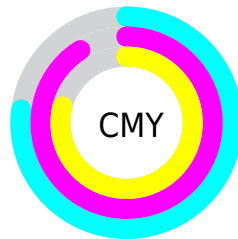
- Red (23%)
- Green (9%)
- Blue (21%)



- Red (23%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (59%)
- Yellow (10%)
- Black (77%)



- Cyan (77%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1835 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 3B1835 by changing the saturation by 10% instead.



3B1835



3B1835

FFFFFF



250120



6B4564



000005



855D7D



000000



A07697



BB90B1



D7AACD



F3C6E9



FFE2FF



3B1835



3B1835

■ 3B1234

■ 3B1E36

■ 3B0C33

■ 3B2437

■ 3B0632

■ 3B2A38

■ 3B0031

■ 3B3039

■ 3B363A

■ 3B3B3B

■ 3B413C

■ 3B473D

■ 3B4D3E

Harmonies

Analogous

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



272042



3B1835



441424

Triad

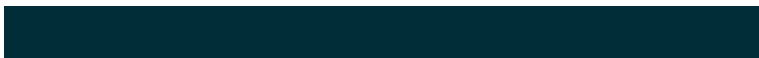
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3B1835



2D2400



002D37

Complementary

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



3B1835



183B1E

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.



002D26



3B1835



1C2901

Square

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



3B1835



3A1E00



002C14



002B44

Rectangle

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



3B1835



441519



002C14



002D32

Sweetspot

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



3B1835



4D3F4A



1E183B



261E25



A6A6A6



262626

Same Dimension

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



3B1835



4D1643



3B1824



1F1C1E



5E004E



DE00B8

Inverse Universe

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



3B1835



4D1643



183B2F



1F1C1E



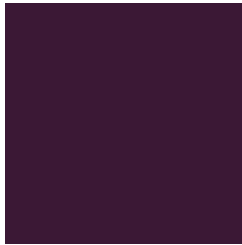
5E004E



DE00B8

Previews

White Background



This preview shows how the Hex color 3B1835 looks on a white background.

Color Contrast Check

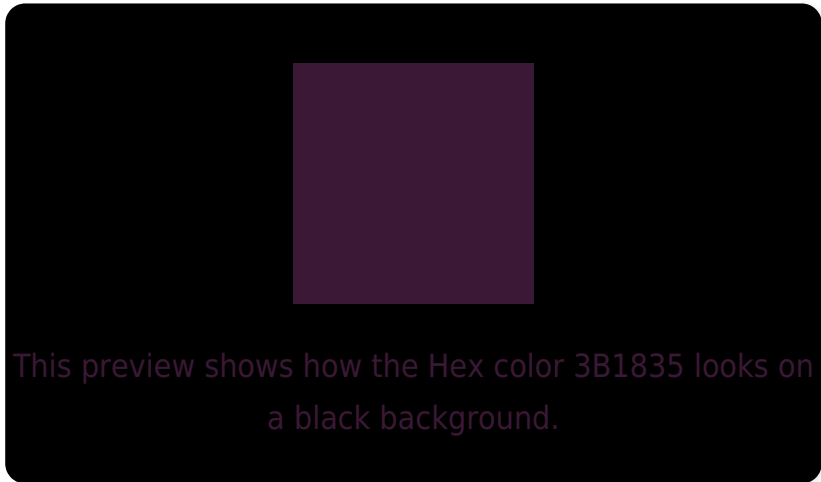
Large Text (above 18pt) WCAG AA ✓ Pass

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

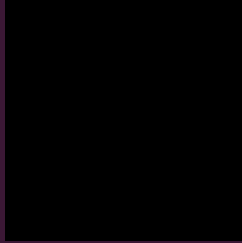
Any Text WCAG AA × Fail

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 3B1835 Background



This preview shows how black text looks on a background with the Hex color 3B1835.



This preview shows how white text looks on a background with the Hex color 3B1835.

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
3B1835

Protanopia
1B2540

Deuteranopia
222533



Tritanopia
391E20

Trichromacy



Original Color
3B1835

Protanomaly
27203C

Deuteranomaly
2B2034

Tritanomaly
3A1C28

Monochromacy



Original Color
3B1835

Achromatopsia
262626

Achromatomaly
2E212B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1835 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 #3B1835 looks like.

```
.text, #text, p{  
    color:#3B1835  
}
```

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 #3B1835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1835
}
```

Border

The CSS property to change the border of an element to Hex 3B1835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

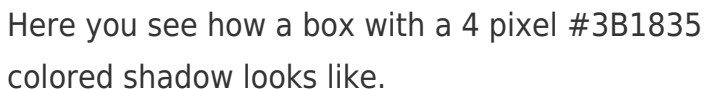
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B1835 }
```

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

```
.border{ border-color:#3B1835 }
```

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



Here you see how a box with a 4 pixel #3B1835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1835; -webkit-box-shadow:4px 4px  
4px 4px #3B1835; box-shadow:4px 4px 4px  
4px #3B1835 }
```

Background

The CSS property to change the background color of an element to Hex 3B1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1835 }
```

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

```
.background{ background-color:#3B1835 }
```

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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