

Converting Colors

Hex(3C031B)

Have a look what the booklet for
Hex(3C031B) contains.

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Color

Hex(3C031B)

Conversions

Conversions Part 1

Format	Color
Hex	3C031B
RGB	60, 3, 27
RGB Percent	24%, 1%, 11%
CMY	0.7647, 0.9882, 0.8941
CMYK	0.00, 0.95, 0.55, 0.76
HSL	335°, 90%, 12%
HSV	335°, 95%, 24%
XYZ	2.0939, 1.1049, 1.1398
YIQ	22.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

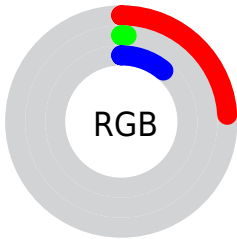
Format	Color
RYB	60, 3, 27
Decimal	3932955
CIELab	9.84, 28.80, 0.79
CIELCh	10, 28.812, 1.581
Yxy	1.1049, 0.4826, 0.2547
Android (android.graphics.Color)	4282123035 (0xFF3C031B)
YUV	22.7790, 2.0810, 32.6428
Hunter-Lab	10.5115, 17.1618, 0.9289

Details

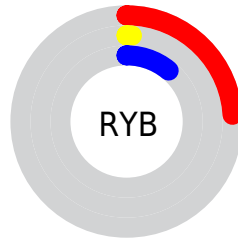
The Hex color **3C031B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **033C24**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **6F3346**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C0019**, and if you desaturate by 10%, it is **3C091E**.

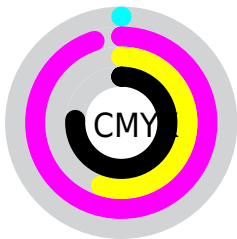
Distribution



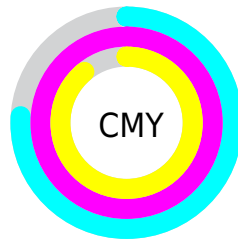
- Red (24%)
- Green (1%)
- Blue (11%)



- Red (24%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (95%)
- Yellow (55%)
- Black (76%)



- Cyan (76%)
- Magenta (99%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C031B 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 3C031B by changing the saturation by 10% instead.

 3C031B

 3C031B

 FFEBFE

 290001

 6F3346

 000000

 894B5E

 A56376

 C17D90

 DD97AA

 FAB2C5

 FFC EE1

 3C031B

 3C031B

■ 3C0019

■ 3C091E

■ 3C0F22

■ 3C1525

■ 3C1B29

■ 3C212C

■ 3C2730

■ 3C2D33

■ 3C3337

■ 3C393A

Harmonies

Analogous

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



330A2E



3C031B



3B0801

Triad

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



3C031B



0F2000



00223D

Complementary

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



3C031B



033C24

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.



00242F



3C031B



002301

Square

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



3C031B



221B00



00241C



001D42

Rectangle

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



3C031B



360F00



00241C



002339

Sweetspot

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



3C031B



4F3842



23033C



291B21



A8A8A8



292929

Same Dimension

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



3C031B



4F0021



3C0703



1F1C1D



5E0028



DE005D

Inverse Universe

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



3C031B



4F0021



03383C



1F1C1D



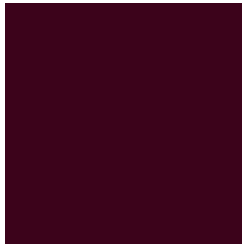
5E0028



DE005D

Previews

White Background



This preview shows how the Hex color 3C031B looks on a white background.

Color Contrast Check

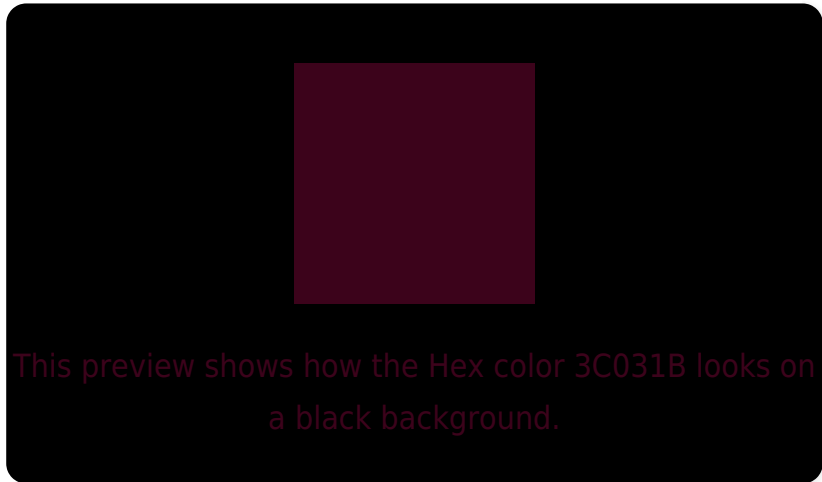
Large Text (above 18pt) WCAG AA ✓ Pass

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

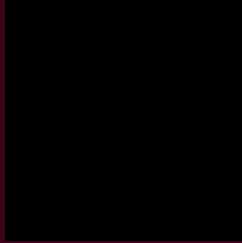
Any Text WCAG AA × Fail

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 3C031B Background



This preview shows how black text looks on a background with the Hex color 3C031B.



This preview shows how white text looks on a background with the Hex color 3C031B.

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
3C031B

Protanopia
1D1F27

Deuteranopia
241E19

Trichromacy



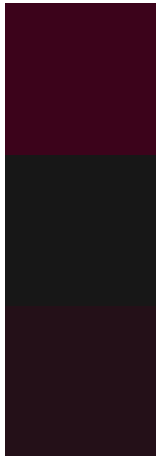
Original Color
3C031B

Protanomaly
281523

Deuteranomaly
2D141A

Tritanomaly
3B0811

Monochromacy



Original Color
3C031B

Achromatopsia
171717

Achromatomaly
241018

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C031B 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 #3C031B looks like.

```
.text, #text, p{  
    color:#3C031B  
}
```

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 #3C031B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C031B
}
```

Border

The CSS property to change the border of an element to Hex 3C031B 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".

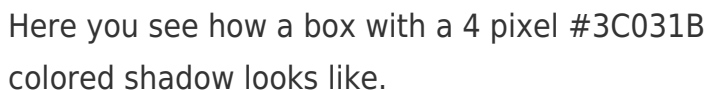
```
.border, #border, table{ border:4px solid
#3C031B }
```

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

```
.border{ border-color:#3C031B }
```

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

Here you see how a box with a 4 pixel #3C031B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3C031B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C031B; -webkit-box-shadow:4px 4px  
4px 4px #3C031B; box-shadow:4px 4px 4px  
4px #3C031B }
```

Background

The CSS property to change the background color of an element to Hex 3C031B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C031B }
```

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

```
.background{ background-color:#3C031B }
```

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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