

Converting Colors

Hex(31031E)

Have a look what the booklet for
Hex(31031E) contains.

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Color

Hex(31031E)

Conversions

Conversions Part 1

Format	Color
Hex	31031E
RGB	49, 3, 30
RGB Percent	19%, 1%, 12%
CMY	0.8078, 0.9882, 0.8824
CMYK	0.00, 0.94, 0.39, 0.81
HSL	325°, 88%, 10%
HSV	325°, 94%, 19%
XYZ	1.5335, 0.8118, 1.3042
YIQ	19.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

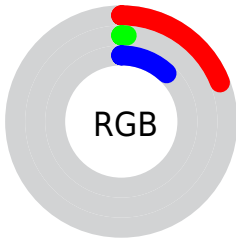
Format	Color
R_{YB}	49, 3, 30
Decimal	3212062
CIE _{Lab}	7.33, 25.77, -5.53
CIE _{LCh}	7, 26.357, 347.887
Yxy	0.8118, 0.4202, 0.2224
Android (android.graphics.Color)	4281402142 (0xFF31031E)
YUV	19.8320, 5.0128, 25.5803
Hunter-Lab	9.0102, 14.6129, -2.2748

Details

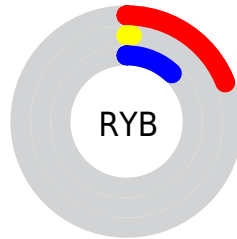
The Hex color **31031E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **033116**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **62304A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **31001D**, and if you desaturate by 10%, it is **310820**.

Distribution



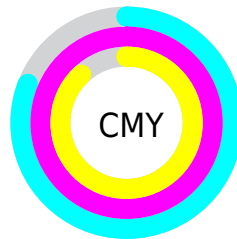
- Red (19%)
- Green (1%)
- Blue (12%)



- Red (19%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (94%)
- Yellow (39%)
- Black (81%)




- Cyan (81%)
- Magenta (99%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31031E 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 31031E by changing the saturation by 10% instead.

 31031E

 31031E

 FFE6FF

 1B0003

 62304A

 000000

 7B4861

 96607A


 B17994

 CD93AF

 EAAECA

 FFCAE6

 31031E

 31031E

■ 31001D

■ 310820

■ 310D22

■ 311224

■ 311726

■ 311C28

■ 31202A

■ 31252C

■ 312A2E

■ 312F30

Harmonies

Analogous

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



230C2E



31031E



340208

Triad

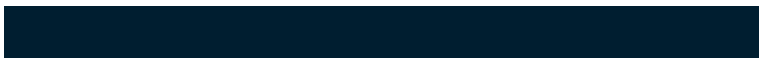
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31031E



121900



001E30

Complementary

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



31031E



033116

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.



002020



31031E



001D00

Square

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



31031E



231300



001F0C



001B38

Rectangle

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



31031E



320700



001F0C



001F2B

Sweetspot

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



31031E



402E38



150331



21161C



A1A1A1



212121

Same Dimension

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



31031E



400025



310308



1A1718



590034



D9007F

Inverse Universe

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



31031E



400025



03312C



1A1718



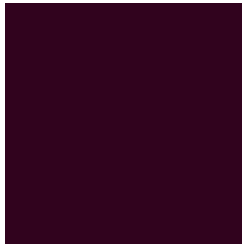
590034



D9007F

Previews

White Background



This preview shows how the Hex color 31031E looks on a white background.

Color Contrast Check

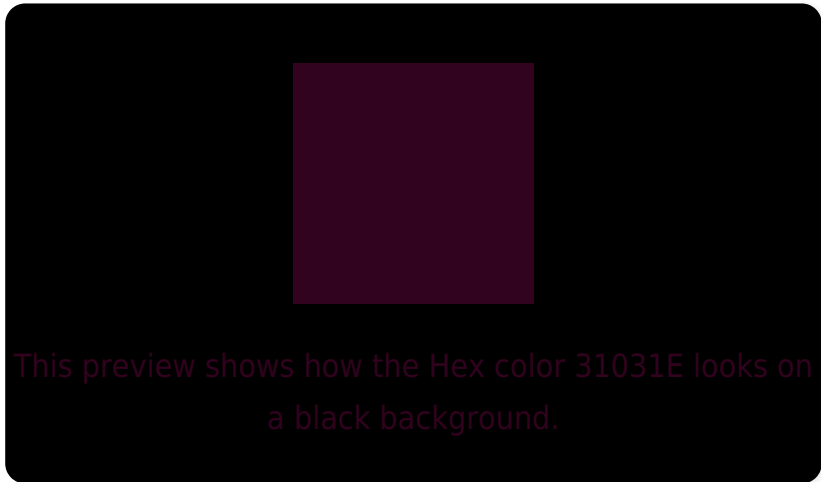
Large Text (above 18pt) WCAG AA ✓ Pass

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

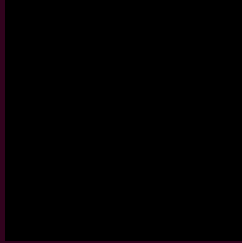
Any Text WCAG AA × Fail

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 31031E Background



This preview shows how black text looks on a background with the Hex color 31031E.



This preview shows how white text looks on a background with the Hex color 31031E.

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
31031E

Protanopia
13192B

Deuteranopia
1C191C

Trichromacy



Original Color
31031E

Protanomaly
1E1126

Deuteranomaly
24111D

Tritanomaly
300913

Monochromacy



Original Color
31031E

Achromatopsia
141414

Achromatomaly
1F0E18

CSS Examples

Text

The CSS property to change the color of the text to Hex 31031E 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 #31031E looks like.

```
.text, #text, p{  
    color:#31031E  
}
```

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 #31031E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31031E
}
```

Border

The CSS property to change the border of an element to Hex 31031E is called "border". The border property can be set on classes, ids or directly on the HTML element.

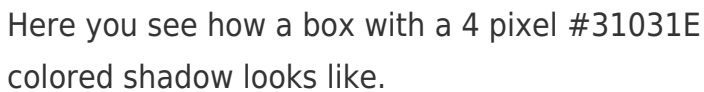
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31031E }
```

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

```
.border{ border-color:#31031E }
```

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



Here you see how a box with a 4 pixel #31031E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31031E; -webkit-box-shadow:4px 4px  
4px 4px #31031E; box-shadow:4px 4px 4px  
4px #31031E }
```

Background

The CSS property to change the background color of an element to Hex 31031E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31031E }
```

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

```
.background{ background-color:#31031E }
```

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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