

Converting Colors

Hex(330031)

Have a look what the booklet for
Hex(330031) contains.

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Color

Hex(330031)

Conversions

Conversions Part 1

Format	Color
Hex	330031
RGB	51, 0, 49
RGB Percent	20%, 0%, 19%
CMY	0.8000, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.04, 0.80
HSL	302°, 100%, 10%
HSV	302°, 100%, 20%
XYZ	1.9196, 0.9256, 2.9832
YIQ	20.8350, 14.6670, 26.0510

Conversions

Conversions Part 2

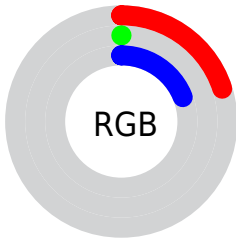
Format	Color
RYB	51, 0, 49
Decimal	3342385
CIELab	8.36, 31.18, -18.30
CIElCh	8, 36.158, 329.592
Yxy	0.9256, 0.3294, 0.1588
Android (android.graphics.Color)	4281532465 (0xFF330031)
YUV	20.8350, 13.8853, 26.4547
Hunter-Lab	9.6206, 18.7805, -11.6505

Details

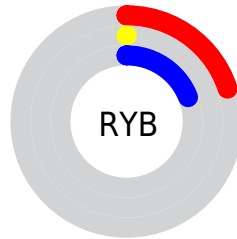
The Hex color **330031** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003302**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **642F60**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330031**, and if you desaturate by 10%, it is **330531**.

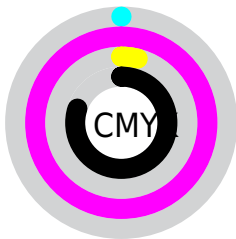
Distribution



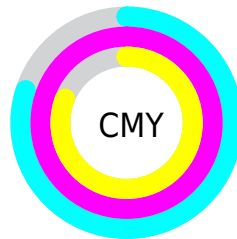
- Red (20%)
- Green (0%)
- Blue (19%)



- Red (20%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330031 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 330031 by changing the saturation by 10% instead.

 330031

 330031

 FFE6FF

 1F001C

 642F60

 000000

 7E4778

 986092

 B379AD

 CF93C8

 ECAEE4

 FFCAFF

 330031

■ 330531

■ 330A31

■ 330F32

■ 331432

■ 331A32

■ 331F32

■ 332432

■ 332933

■ 332E33

Harmonies

Analogous

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



0E1243



330031



3F001A

Triad

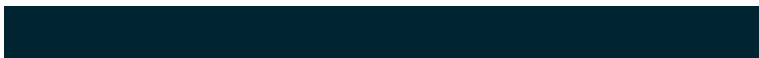
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330031



201700



002430

Complementary

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



330031



003302

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.



002417



330031



001E00

Square

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



330031



320C00



002200



002142

Rectangle

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



330031



400003



002200



002428

Sweetspot

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



330031



422E42



020033



211521



A1A1A1



212121

Same Dimension

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



330031



420040



330018



1A1719



590056



D900D0

Inverse Universe

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



330031



420040



00331B



1A1719



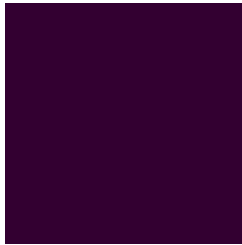
590056



D900D0

Previews

White Background



This preview shows how the Hex color 330031 looks on a white background.

Color Contrast Check

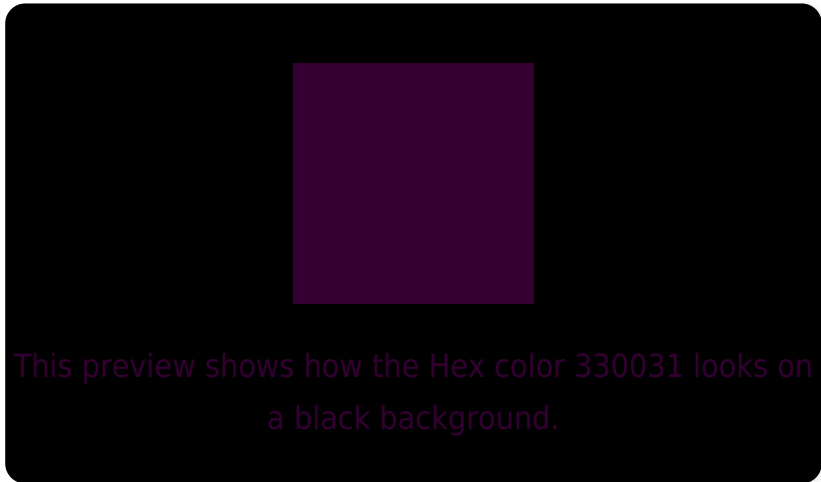
Large Text (above 18pt) WCAG AA ✓ Pass

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

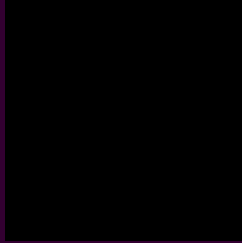
Any Text WCAG AA × Fail

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 330031 Background



This preview shows how black text looks on a background with the Hex color 330031.



This preview shows how white text looks on a background with the Hex color 330031.

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
330031

Protanopia
001C3B

Deuteranopia
131D2E



Tritanopia
301314

Trichromacy



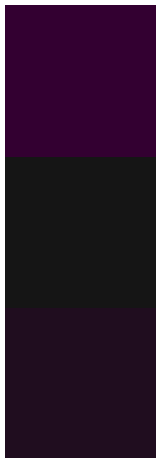
Original Color
330031

Protanomaly
131237

Deuteranomaly
1F122F

Tritanomaly
310C1F

Monochromacy



Original Color
330031

Achromatopsia
151515

Achromatomaly
200D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 330031 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 #330031 looks like.

```
.text, #text, p{  
    color:#330031  
}
```

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 #330031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330031
}
```

Border

The CSS property to change the border of an element to Hex 330031 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
#330031 }
```

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

```
.border{ border-color:#330031 }
```

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

Here you see how a box with a 4 pixel #330031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330031; -webkit-box-shadow:4px 4px  
4px 4px #330031; box-shadow:4px 4px 4px  
4px #330031 }
```

Background

The CSS property to change the background color of an element to Hex 330031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330031 }
```

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

```
.background{ background-color:#330031 }
```

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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