

Converting Colors

Hex(330030)

Have a look what the booklet for
Hex(330030) contains.

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Color

Hex(330030)

Conversions

Conversions Part 1

Format	Color
Hex	330030
RGB	51, 0, 48
RGB Percent	20%, 0%, 19%
CMY	0.8000, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.06, 0.80
HSL	304°, 100%, 10%
HSV	304°, 100%, 20%
XYZ	1.8987, 0.9172, 2.8733
YIQ	20.7210, 14.9880, 25.7400

Conversions

Conversions Part 2

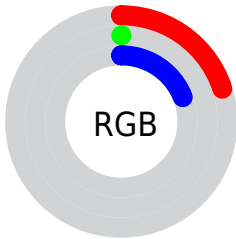
Format	Color
RYB	51, 0, 48
Decimal	3342384
CIELab	8.28, 31.01, -17.68
CIELCh	8, 35.691, 330.310
Yxy	0.9172, 0.3337, 0.1612
Android (android.graphics.Color)	4281532464 (0xFF330030)
YUV	20.7210, 13.4485, 26.5547
Hunter-Lab	9.5771, 18.6292, -11.0839

Details

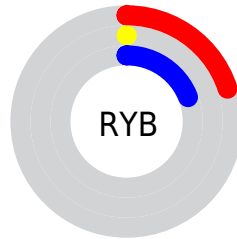
The Hex color **330030** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003303**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **642F5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330030**, and if you desaturate by 10%, it is **330530**.

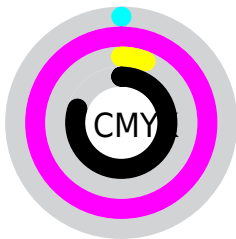
Distribution



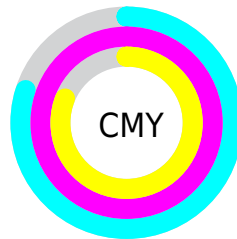
- Red (20%)
- Green (0%)
- Blue (19%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 330030 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 330030 by changing the saturation by 10% instead.

 330030

 330030

 FFE6FF

 1F001B

 642F5E

 000000

 7E4777

 986091

 B379AC

 CF93C7

 ECAEE3

 FFCAFF

 330030

■ 330530

■ 330A31

■ 330F31

■ 331431

■ 331A32

■ 331F32

■ 332432

■ 332932

■ 332E33

Harmonies

Analogous

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



101142



330030



3F0019

Triad

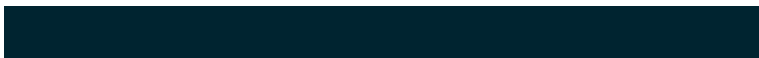
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330030



1F1700



002430

Complementary

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



330030



003303

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



330030



001E00

Square

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



330030



310C00



002200



002142

Rectangle

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



330030



3F0002



002200



002428

Sweetspot

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



330030



422E41



030033



211520



A1A1A1



212121

Same Dimension

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



330030



42003E



330017



1A1719



590054



D900CC

Inverse Universe

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



330030



42003E



00331C



1A1719



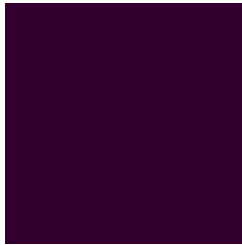
590054



D900CC

Previews

White Background



This preview shows how the Hex color 330030 looks on a white background.

Color Contrast Check

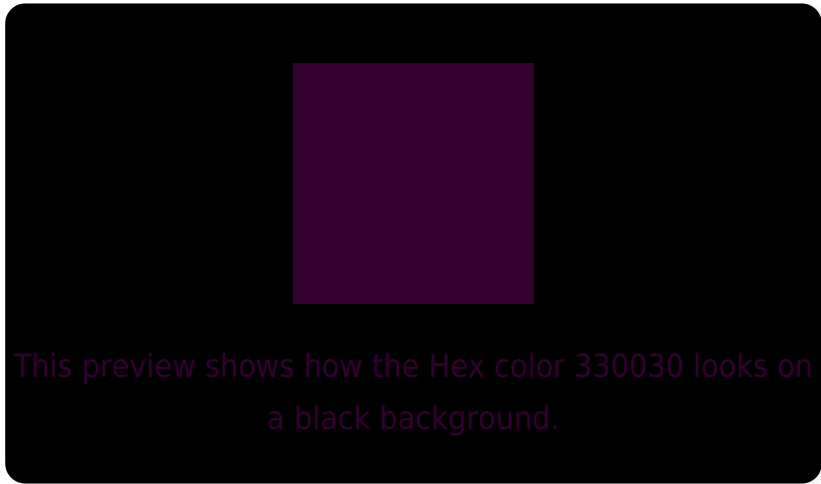
Large Text (above 18pt) WCAG AA ✓ Pass

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

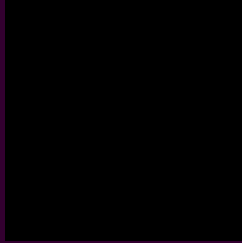
Any Text WCAG AA × Fail

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 330030 Background



This preview shows how black text looks on a background with the Hex color 330030.



This preview shows how white text looks on a background with the Hex color 330030.

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
330030

Protanopia
001C3B

Deuteranopia
141D2D



Tritanopia
301314

Trichromacy



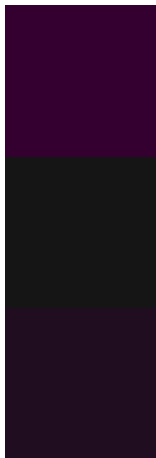
Original Color
330030

Protanomaly
131237

Deuteranomaly
1F122E

Tritanomaly
310C1E

Monochromacy



Original Color
330030

Achromatopsia
151515

Achromatomaly
200D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 330030 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 #330030 looks like.

```
.text, #text, p{  
    color:#330030  
}
```

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 #330030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330030
}
```

Border

The CSS property to change the border of an element to Hex 330030 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".

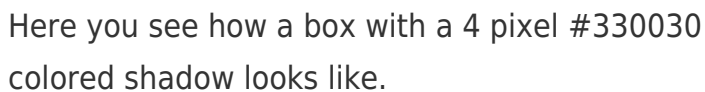
```
.border, #border, table{ border:4px solid
#330030 }
```

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

```
.border{ border-color:#330030 }
```

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

Here you see how a box with a 4 pixel #330030 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330030; -webkit-box-shadow:4px 4px  
4px 4px #330030; box-shadow:4px 4px 4px  
4px #330030 }
```

Background

The CSS property to change the background color of an element to Hex 330030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330030 }
```

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

```
.background{ background-color:#330030 }
```

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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