

Converting Colors

Hex(330002)

Have a look what the booklet for
Hex(330002) contains.

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Color

Hex(330002)

Conversions

Conversions Part 1

Format	Color
Hex	330002
RGB	51, 0, 2
RGB Percent	20%, 0%, 1%
CMY	0.8000, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.96, 0.80
HSL	358°, 100%, 10%
HSV	358°, 100%, 20%
XYZ	1.3762, 0.7082, 0.1216
YIQ	15.4770, 29.7540, 11.4340

Conversions

Conversions Part 2

Format	Color
R _Y B	51, 0, 2
Decimal	3342338
CIE Lab	6.40, 25.33, 9.29
CIE LCh	6, 26.978, 20.143
Yxy	0.7082, 0.6238, 0.3210
Android (android.graphics.Color)	4281532418 (0xFF330002)
YUV	15.4770, -6.6442, 31.1537
Hunter-Lab	8.4154, 14.4637, 5.0341

Details

The Hex color **330002** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003331**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **652D31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330002**, and if you desaturate by 10%, it is **330507**.

Distribution



Red (20%)

Green (0%)

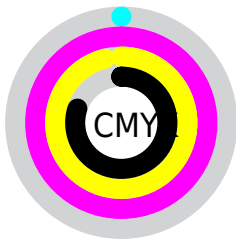
Blue (1%)



Red (20%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (80%)



Cyan (80%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330002 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 330002 by changing the saturation by 10% instead.

 330002

 330002

 FFE3E4

 150000

 652D31

 000000

 7F4548

 9A5D5F

 B67678

 D29092

 EFABAC

 FFC6C8

 330002

■ 330507

■ 330A0C

■ 330F11

■ 331416

■ 331A1B

■ 331F1F

■ 332424

■ 332929

■ 332E2E

Harmonies

Analogous

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



30001B



330002



2C0800

Triad

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



330002



001C00



001837

Complementary

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



330002



003331

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.



001D2F



330002



001E0B

Square

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



330002



0C1800



001F20



021236

Rectangle

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



330002



250F00



001F20



001A36

Sweetspot

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



330002



422E2F



300033



211516



A1A1A1



212121

Same Dimension

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



330002



420003



331700



1A1717



590004



D90009

Inverse Universe

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



330002



420003



001C33



1A1717



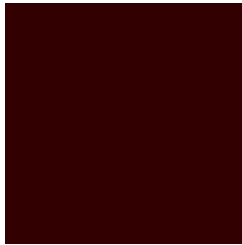
590003



D90008

Previews

White Background



This preview shows how the Hex color 330002 looks on a white background.

Color Contrast Check

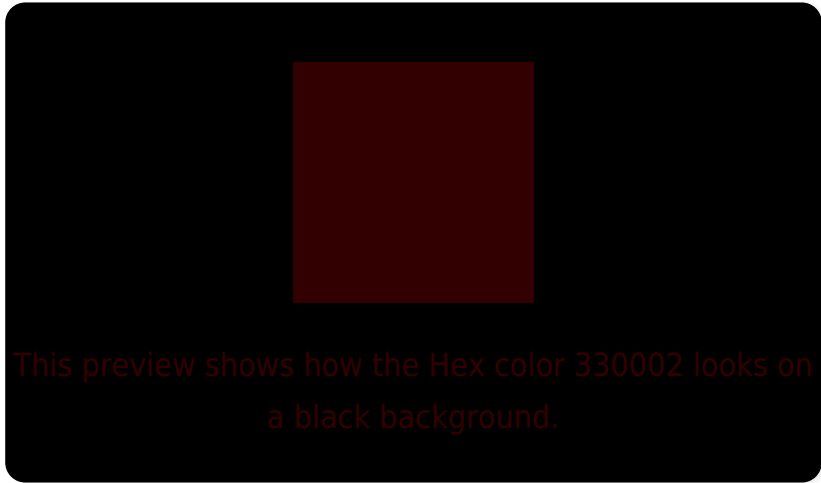
Large Text (above 18pt) WCAG AA ✓ Pass

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

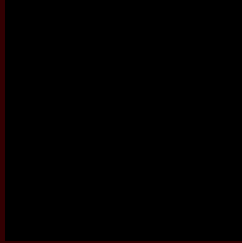
Any Text WCAG AA × Fail

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 330002 Background



This preview shows how black text looks on a background with the Hex color 330002.

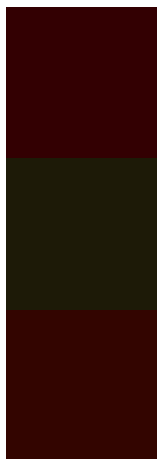


This preview shows how white text looks on a background with the Hex color 330002.

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
330002

Protanopia
1D1A07

Tritanopia
330500

Trichromacy

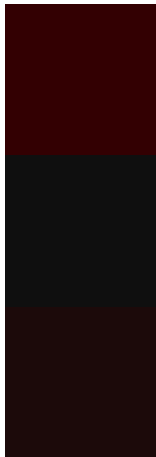


Original Color
330002

Protanomaly
251105

Tritanomaly
330301

Monochromacy



Original Color
330002

Achromatopsia
0F0F0F

Achromatomaly
1C0A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 330002 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 #330002 looks like.

```
.text, #text, p{  
    color:#330002  
}
```

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 #330002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330002
}
```

Border

The CSS property to change the border of an element to Hex 330002 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".

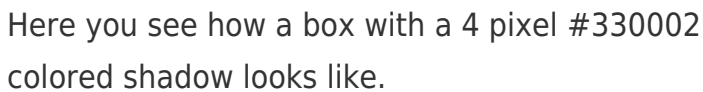
```
.border, #border, table{ border:4px solid
#330002 }
```

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

```
.border{ border-color:#330002 }
```

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

Here you see how a box with a 4 pixel #330002 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330002; -webkit-box-shadow:4px 4px  
4px 4px #330002; box-shadow:4px 4px 4px  
4px #330002 }
```

Background

The CSS property to change the background color of an element to Hex 330002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330002 }
```

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

```
.background{ background-color:#330002 }
```

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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