

Converting Colors

Hex(330006)

Have a look what the booklet for
Hex(330006) contains.

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Color

Hex(330006)

Conversions

Conversions Part 1

Format	Color
Hex	330006
RGB	51, 0, 6
RGB Percent	20%, 0%, 2%
CMY	0.8000, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.88, 0.80
HSL	353°, 100%, 10%
HSV	353°, 100%, 20%
XYZ	1.3981, 0.7170, 0.2370
YIQ	15.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

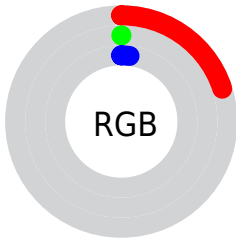
Format	Color
RYB	51, 0, 6
Decimal	3342342
CIELab	6.48, 25.63, 7.78
CIELCh	6, 26.783, 16.878
Yxy	0.7170, 0.5944, 0.3048
Android (android.graphics.Color)	4281532422 (0xFF330006)
YUV	15.9330, -4.8970, 30.7538
Hunter-Lab	8.4673, 14.6558, 4.2676

Details

The Hex color **330006** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00332D**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **652D34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330006**, and if you desaturate by 10%, it is **33050B**.

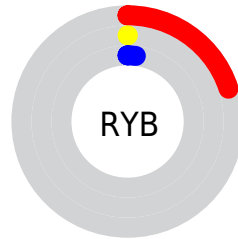
Distribution



Red (20%)

Green (0%)

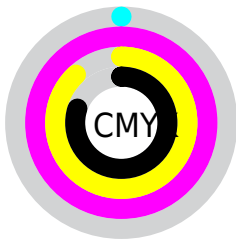
Blue (2%)



Red (20%)

Yellow (0%)

Blue (2%)

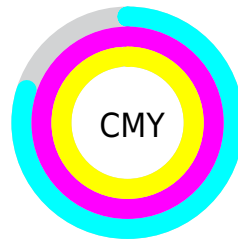


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (80%)



Cyan (80%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330006 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 330006 by changing the saturation by 10% instead.

 330006

 330006

 FFE3E7

 160000

 652D34

 000000

 7F454A

 9A5D62

 B6767B

 D29095

 EFABAF

 FFC7CB

 330006

■ 33050B

■ 330A0F

■ 330F14

■ 331418

■ 331A1D

■ 331F21

■ 332426

■ 33292A

■ 332E2F

Harmonies

Analogous

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



2F011D



330006



2D0700

Triad

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



330006



001C00



001937

Complementary

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



330006



00332D

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.



001D2E



330006



001E08

Square

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



330006



0F1700



001F1E



001336

Rectangle

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



330006



260E00



001F1E



001B35

Sweetspot

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



330006



422E31



2C0033



211517



A1A1A1



212121

Same Dimension

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



330006



420008



331300



1A1717



59000B



D9001A

Inverse Universe

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



330006



420008



002033



1A1717



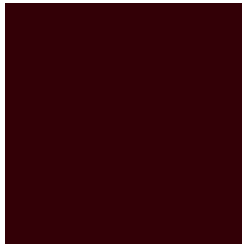
59000A



D90019

Previews

White Background



This preview shows how the Hex color 330006 looks on a white background.

Color Contrast Check

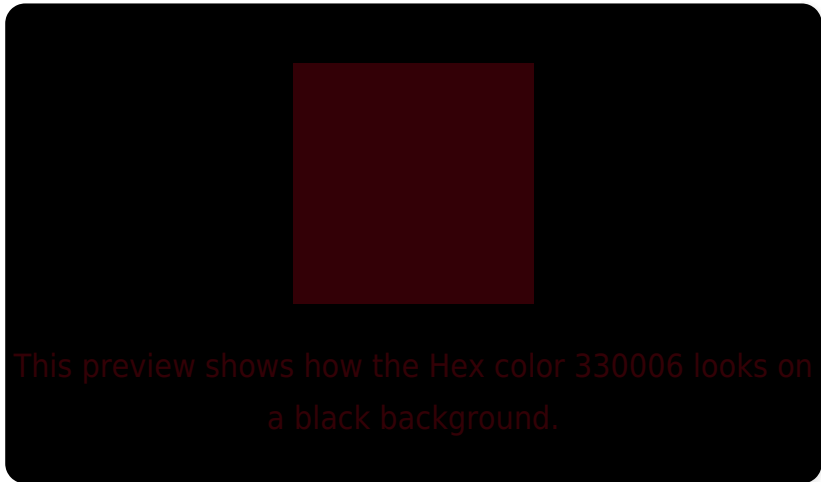
Large Text (above 18pt) WCAG AA ✓ Pass

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

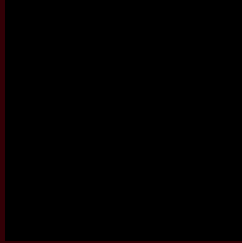
Any Text WCAG AA × Fail

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 330006 Background



This preview shows how black text looks on a background with the Hex color 330006.

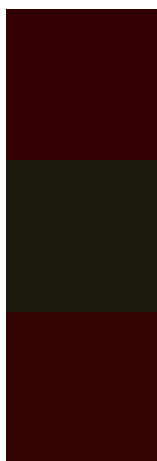


This preview shows how white text looks on a background with the Hex color 330006.

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
330006

Protanopia
1D1A0B

Tritanopia
330500

Trichromacy

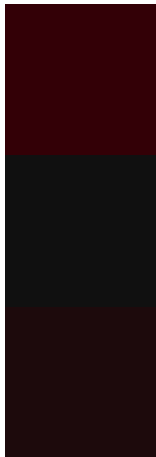


Original Color
330006

Protanomaly
251109

Tritanomaly
330302

Monochromacy



Original Color
330006

Achromatopsia
101010

Achromatomaly
1D0A0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 330006 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 #330006 looks like.

```
.text, #text, p{  
    color:#330006  
}
```

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 #330006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330006
}
```

Border

The CSS property to change the border of an element to Hex 330006 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
#330006 }
```

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

```
.border{ border-color:#330006 }
```

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

Here you see how a box with a 4 pixel #330006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330006; -webkit-box-shadow:4px 4px  
4px 4px #330006; box-shadow:4px 4px 4px  
4px #330006 }
```

Background

The CSS property to change the background color of an element to Hex 330006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330006 }
```

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

```
.background{ background-color:#330006 }
```

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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