

Converting Colors

Hex(333000)

Have a look what the booklet for
Hex(333000) contains.

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Color

Hex(333000)

Conversions

Conversions Part 1

Format	Color
Hex	333000
RGB	51, 48, 0
RGB Percent	20%, 19%, 0%
CMY	0.8000, 0.8118, 1.0000
CMYK	0.00, 0.06, 1.00, 0.80
HSL	56°, 100%, 10%
HSV	56°, 100%, 20%
XYZ	2.4222, 2.8177, 0.4162
YIQ	43.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

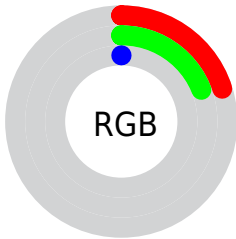
Format	Color
R_{YB}	3, 51, 0
Decimal	3354624
CIE Lab	19.30, -5.01, 27.32
CIE LCh	19, 27.776, 100.392
Yxy	2.8177, 0.4282, 0.4982
Android (android.graphics.Color)	4281544704 (0xFF333000)
YUV	43.4250, -21.4085, 6.6433
Hunter-Lab	16.7860, -3.6184, 10.2801

Details

The Hex color **333000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000333**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **635E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **333000**, and if you desaturate by 10%, it is **333005**.

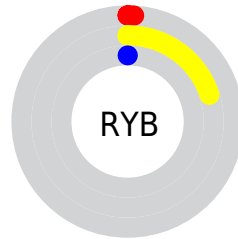
Distribution



Red (20%)

Green (19%)

Blue (0%)



Red (1%)

Yellow (20%)

Blue (0%)

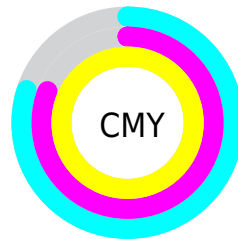


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333000 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 333000 by changing the saturation by 10% instead.

 333000

 333000

 FFFFE4

 1C1B00

 635E2F

 000000

 7D7646

 97905E

 B2AA77

 CEC691

 EBE2AC

 FFFEC8

 333000

■ 333005

■ 33310A

■ 33310F

■ 333114

■ 33321A

■ 33321F

■ 333224

■ 333229

■ 33332E

Harmonies

Analogous

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



442904



333000



1D350E

Triad

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



333000



003849



4C1E3D

Complementary

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



333000



000333

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.



39264E



333000



003555

Square

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



333000



003835



112F57



531B29

Rectangle

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



333000



04371A



112F57



472143

Sweetspot

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



333000



42412E



330003



212015



A1A1A1



212121

Same Dimension

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



333000



423E00



1D3300



1A1917



595400



D9CC00

Inverse Universe

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



000333



000442



160033



17171A



000559



000DD9

Previews

White Background



This preview shows how the Hex color 333000 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

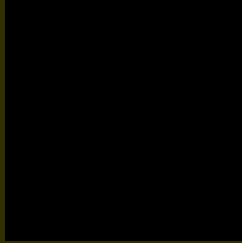
Any Text WCAG AA × Fail

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 333000 Background



This preview shows how black text looks on a background with the Hex color 333000.



This preview shows how white text looks on a background with the Hex color 333000.

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
333000

Protanopia
352F00

Deuteranopia
3B2D07



Tritanopia
362D30

Trichromacy



Original Color
333000

Protanomaly
342F00

Deuteranomaly
382E04

Tritanomaly
352E1F

Monochromacy



Original Color
333000

Achromatopsia
2B2B2B

Achromatomaly
2E2D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 333000 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 #333000 looks like.

```
.text, #text, p{  
    color:#333000  
}
```

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 #333000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333000
}
```

Border

The CSS property to change the border of an element to Hex 333000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

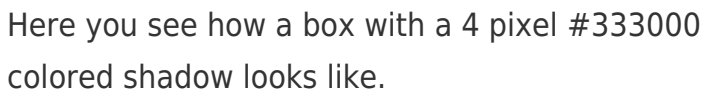
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333000 }
```

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

```
.border{ border-color:#333000 }
```

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



Here you see how a box with a 4 pixel #333000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333000; -webkit-box-shadow:4px 4px  
4px 4px #333000; box-shadow:4px 4px 4px  
4px #333000 }
```

Background

The CSS property to change the background color of an element to Hex 333000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333000 }
```

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

```
.background{ background-color:#333000 }
```

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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