

Converting Colors

Hex(333320)

Have a look what the booklet for
Hex(333320) contains.

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Color

Hex(333320)

Conversions

Conversions Part 1

Format	Color
Hex	333320
RGB	51, 51, 32
RGB Percent	20%, 20%, 13%
CMY	0.8000, 0.8000, 0.8745
CMYK	0.00, 0.00, 0.37, 0.80
HSL	60°, 23%, 16%
HSV	60°, 37%, 20%
XYZ	2.8098, 3.1757, 1.8314
YIQ	48.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

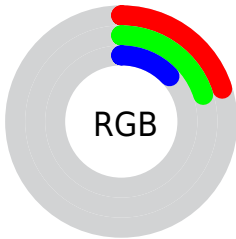
Format	Color
RYB	32, 51, 32
Decimal	3355424
CIELab	20.73, -3.74, 12.09
CIELCh	21, 12.656, 107.170
Yxy	3.1757, 0.3594, 0.4063
Android (android.graphics.Color)	4281545504 (0xFF333320)
YUV	48.8340, -8.2992, 1.8996
Hunter-Lab	17.8206, -3.0420, 6.3813

Details

The Hex color **333320** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **202033**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **62614C**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **33331B**, and if you desaturate by 10%, it is **333325**.

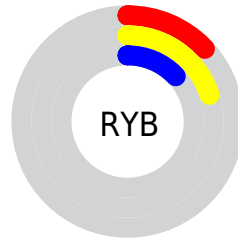
Distribution



Red (20%)

Green (20%)

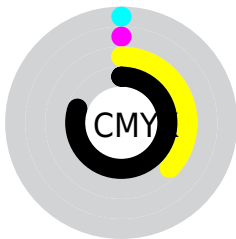
Blue (13%)



Red (13%)

Yellow (20%)

Blue (13%)

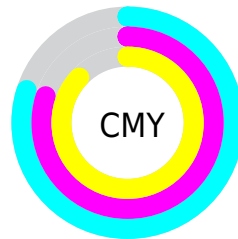


Cyan (0%)

Magenta (0%)

Yellow (37%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333320 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 333320 by changing the saturation by 10% instead.

■ 333320

■ 333320

FFFFFF

■ 1E1E09

■ 62614C

■ 000500

■ 7B7A64

■ 000000

■ 95947D

■ AFAE97

■ CBCAB2

■ E7E6CD

■ FFFFE9

■ 333320

■ 333320

■ 33331B

■ 333325

■ 333316

■ 33332A

■ 333311

■ 33332F

■ 33330C

■ 333334

■ 333306

■ 33333A

■ 333301

■ 33333F

■ 333300

■ 333344

■ 333349

■ 33334E

Harmonies

Analogous

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



3C3020



333320



283525

Triad

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



333320



16363F



422B36

Complementary

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



333320



202033

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.



3A2E3F



333320



203444

Square

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



333320



163737



2E3144



452B2D

Rectangle

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



333320



21362A



2E3144



402C39

Sweetspot

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



333320



42423B



332020



21211D



A1A1A1



212121

Same Dimension

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



333320



424224



2A3320



1A1A17



595900



D9D900

Inverse Universe

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



202033



242442



2A2033



17171A



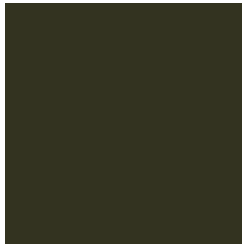
000059



0000D9

Previews

White Background



This preview shows how the Hex color 333320 looks on a white background.

Color Contrast Check

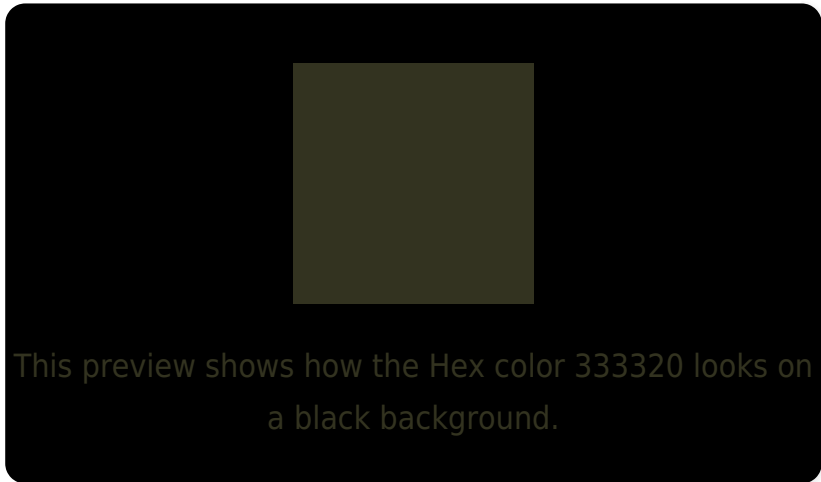
Large Text (above 18pt) WCAG AA ✓ Pass

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

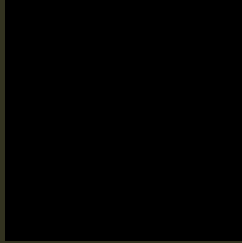
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

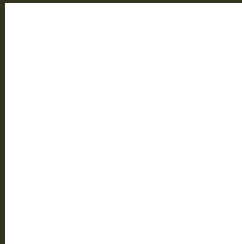
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 333320 Background



This preview shows how black text looks on a background with the Hex color 333320.

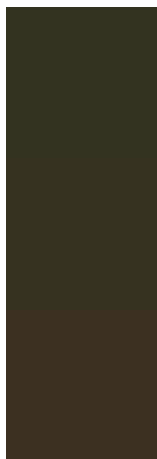


This preview shows how white text looks on a background with the Hex color 333320.

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


333320

Protanopia

363220

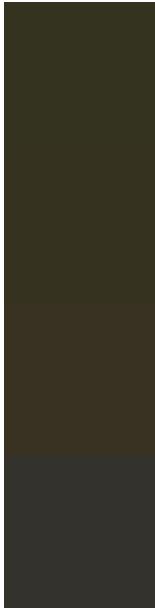
Deuteranopia

3C3021



Tritanopia
353134

Trichromacy



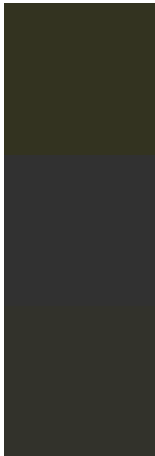
Original Color
333320

Protanomaly
353220

Deuteranomaly
393121

Tritanomaly
34322D

Monochromacy



Original Color
333320

Achromatopsia
313131

Achromatomaly
32322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 333320 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 #333320 looks like.

```
.text, #text, p{  
    color:#333320  
}
```

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 #333320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333320
}
```

Border

The CSS property to change the border of an element to Hex 333320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

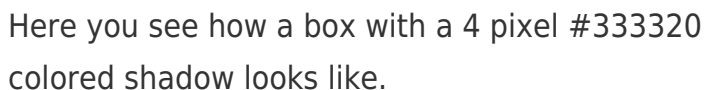
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333320 }
```

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

```
.border{ border-color:#333320 }
```

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



Here you see how a box with a 4 pixel #333320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333320; -webkit-box-shadow:4px 4px  
4px 4px #333320; box-shadow:4px 4px 4px  
4px #333320 }
```

Background

The CSS property to change the background color of an element to Hex 333320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333320 }
```

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

```
.background{ background-color:#333320 }
```

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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