

# Converting Colors

Hex(333319)

Have a look what the booklet for  
Hex(333319) contains.

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# Color

Hex(333319)

# Conversions

## Conversions Part 1

Format	Color
Hex	333319
RGB	51, 51, 25
RGB Percent	20%, 20%, 10%
CMY	0.8000, 0.8000, 0.9020
CMYK	0.00, 0.00, 0.51, 0.80
HSL	60°, 34%, 15%
HSV	60°, 51%, 20%
XYZ	2.7245, 3.1416, 1.3825
YIQ	48.0360, 8.3460, -8.0860

# Conversions

## Conversions Part 2

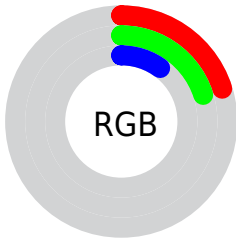
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 51, 25
Decimal	3355417
CIE <sub>Lab</sub>	20.60, -4.75, 16.45
CIE <sub>LCh</sub>	21, 17.120, 106.098
Yxy	3.1416, 0.3759, 0.4334
Android (android.graphics.Color)	4281545497 (0xFF333319)
YUV	48.0360, -11.3567, 2.5994
Hunter-Lab	17.7247, -3.5802, 7.7827

# Details

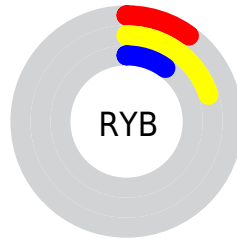
The Hex color **333319** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **191933**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **626145**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **333314**, and if you desaturate by 10%, it is **33331E**.

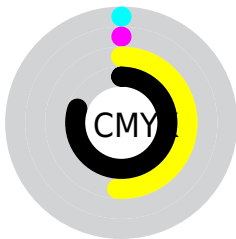
# Distribution



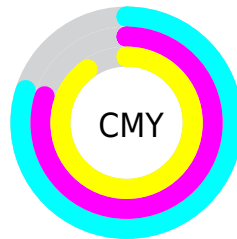
- Red (20%)
- Green (20%)
- Blue (10%)



- Red (10%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (0%)
- Yellow (51%)
- Black (80%)



- Cyan (80%)
- Magenta (80%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 333319 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 333319 by changing the saturation by 10% instead.





333319



333319

FFFFFFD



1F1E00



626145



000400



7B7A5C



000000



959475



B0AE8F



CCCAA9



E8E6C5



FFFFE1



333319



333319

■ 333314

■ 33331E

■ 33330F

■ 333323

■ 33330A

■ 333328

■ 333305

■ 33332D

■ 333300

■ 333333

■ 333338

■ 33333D

■ 333342

■ 333347

# Harmonies

## Analogous

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



3F2F19



333319



253620

# Triad

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



333319



003743



462838

# Complementary

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



333319



191933

# 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.



3B2C43



333319



13354A

# Square

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



333319



003838



2A314A



4A282B

# Rectangle

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



333319



1A3727



2A314A



43293C



# Sweetspot

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



333319



424238



331919



21211B



A1A1A1



212121



# Same Dimension

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



333319



42421A



263319



1A1A17



595900



D9D900



# Inverse Universe

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



191933



1A1A42



261933



17171A



000059

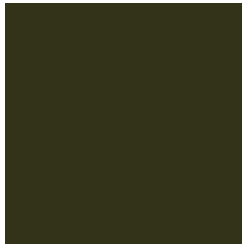


0000D9



# Previews

## White Background



This preview shows how the Hex color 333319 looks on a white background.

## Color Contrast Check

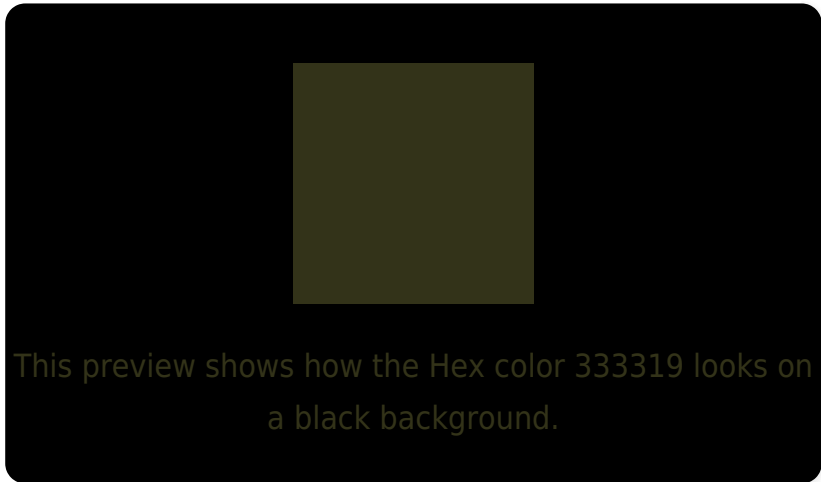
Large Text (above 18pt) WCAG AA ✓ Pass

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

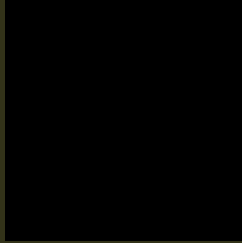
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 333319 Background



This preview shows how black text looks on a background with the Hex color 333319.



This preview shows how white text looks on a background with the Hex color 333319.

# 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**  
333319

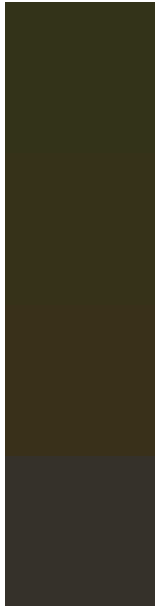
**Protanopia**  
373219

**Deuteranopia**  
3D2F1A



**Tritanopia**  
363034

# Trichromacy



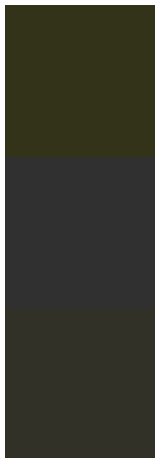
**Original Color**  
333319

**Protanomaly**  
363219

**Deuteranomaly**  
39301A

**Tritanomaly**  
35312A

# Monochromacy



**Original Color**  
333319

**Achromatopsia**  
303030

**Achromatomaly**  
313128

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 333319 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 #333319 looks like.

```
.text, #text, p{  
    color:#333319  
}
```

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 #333319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333319
}
```

## Border

The CSS property to change the border of an element to Hex 333319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

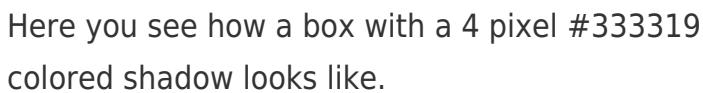
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333319 }
```

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

```
.border{ border-color:#333319 }
```

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



Here you see how a box with a 4 pixel #333319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333319; -webkit-box-shadow:4px 4px  
4px 4px #333319; box-shadow:4px 4px 4px  
4px #333319 }
```

# Background

The CSS property to change the background color of an element to Hex 333319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333319 }
```

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

```
.background{ background-color:#333319 }
```

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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