

# Converting Colors

Hex(2E3318)

Have a look what the booklet for  
Hex(2E3318) contains.

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# Color

**Hex(2E3318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E3318
RGB	46, 51, 24
RGB Percent	18%, 20%, 9%
CMY	0.8196, 0.8000, 0.9059
CMYK	0.10, 0.00, 0.53, 0.80
HSL	71°, 36%, 15%
HSV	71°, 53%, 20%
XYZ	2.4754, 3.0144, 1.3155
YIQ	46.4270, 5.6870, -9.4570

# Conversions

## Conversions Part 2

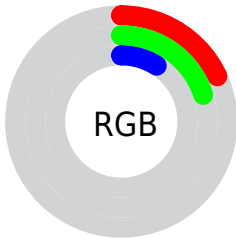
Format	Color
<a href="#">RYB</a>	<a href="#">24, 51, 29</a>
Decimal	<a href="#">3027736</a>
CIELab	<a href="#">20.10, -7.40, 16.35</a>
CIElCh	<a href="#">20, 17.949, 114.356</a>
Yxy	<a href="#">3.0144, 0.3637, 0.4429</a>
Android (android.graphics.Color)	<a href="#">4281217816 (0xFF2E3318)</a>
YUV	<a href="#">46.4270, -11.0565, -0.3745</a>
Hunter-Lab	<a href="#">17.3622, -4.9341, 7.6611</a>

# Details

The Hex color **2E3318** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D1833**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5D6144**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **2D3313**, and if you desaturate by 10%, it is **2F331D**.

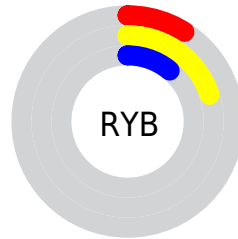
# Distribution



Red (18%)

Green (20%)

Blue (9%)



Red (9%)

Yellow (20%)

Blue (11%)

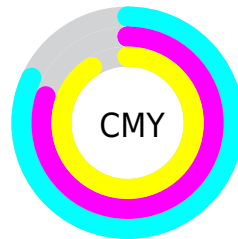


Cyan (10%)

Magenta (0%)

Yellow (53%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E3318 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 2E3318 by changing the saturation by 10% instead.



 2E3318

 2E3318

 FFFFFC

 1B1E00

 5D6144

 000100

 757A5B

 000000

 8F9474

 AAAE8E

 C5CAA8

 E1E6C3

 FEFFDF

 2E3318

 2E3318

■ 2D3313

■ 2F331D

■ 2C330E

■ 303322

■ 2B3309

■ 313327

■ 2A3304

■ 32332C

■ 2A3300

■ 333332

■ 343337

■ 35333C

■ 363341

■ 373346

# Harmonies

## Analogous

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



3B2F16



2E3318



1F3621

# Triad

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



2E3318



003646



482634

# Complementary

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



2E3318



1D1833

# 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.



3F2940



2E3318



17334A

# Square

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



2E3318



00373B



2E2E48



4A2726

# Rectangle

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



2E3318



123729



2E2E48



462738



# Sweetspot

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



2E3318



404238



331D18



20211B



A1A1A1



212121



# Same Dimension

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



2E3318



3A4218



213318



191A17



495900



B1D900



# Inverse Universe

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



1D1833



201842



2A1833



17171A



110059



2800D9



# Previews

## White Background



This preview shows how the Hex color 2E3318 looks on a white background.

## Color Contrast Check

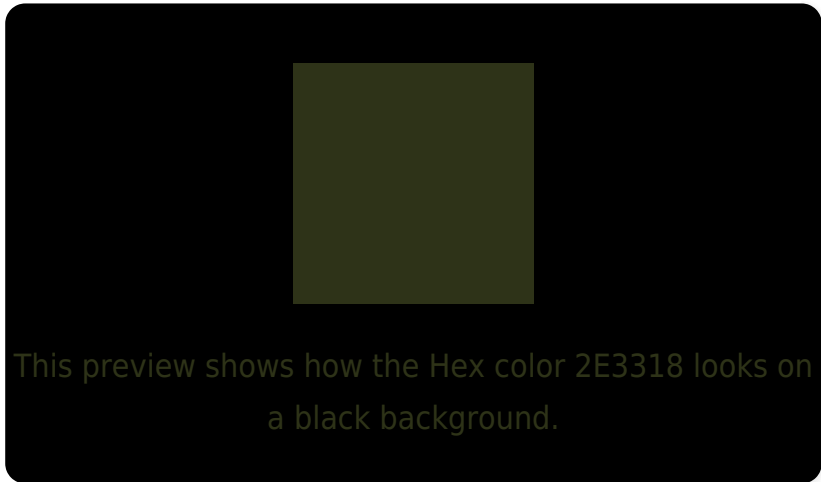
Large Text (above 18pt) WCAG AA ✓ Pass

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

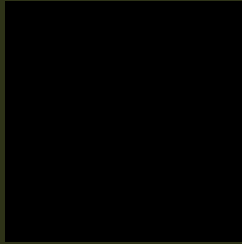
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E3318 Background



This preview shows how black text looks on a background with the Hex color 2E3318.

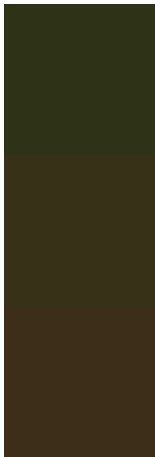


This preview shows how white text looks on a background with the Hex color 2E3318.

# 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**  
2E3318

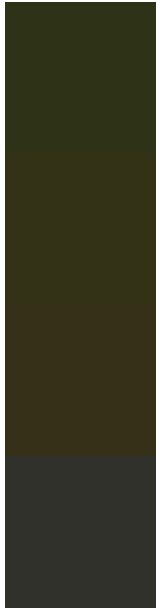
**Protanopia**  
363117

**Deuteranopia**  
3C2E19



**Tritanopia**  
313034

# Trichromacy



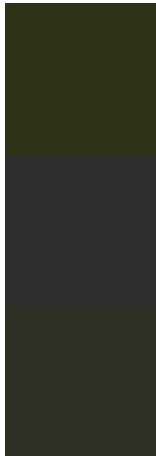
**Original Color**  
2E3318

**Protanomaly**  
333217

**Deuteranomaly**  
373019

**Tritanomaly**  
30312A

# Monochromacy



**Original Color**  
2E3318

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
2E3026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E3318 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 #2E3318 looks like.

```
.text, #text, p{  
    color:#2E3318  
}
```

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 #2E3318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3318
}
```

## Border

The CSS property to change the border of an element to Hex 2E3318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

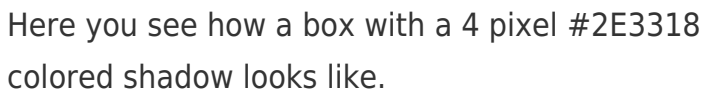
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3318 }
```

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

```
.border{ border-color:#2E3318 }
```

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



Here you see how a box with a 4 pixel #2E3318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3318; -webkit-box-shadow:4px 4px  
4px 4px #2E3318; box-shadow:4px 4px 4px  
4px #2E3318 }
```

# Background

The CSS property to change the background color of an element to Hex 2E3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3318 }
```

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

```
.background{ background-color:#2E3318 }
```

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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