

# Converting Colors

Hex(2E2912)

Have a look what the booklet for  
Hex(2E2912) contains.

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# Color

**Hex(2E2912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E2912
RGB	46, 41, 18
RGB Percent	18%, 16%, 7%
CMY	0.8196, 0.8392, 0.9294
CMYK	0.00, 0.11, 0.61, 0.82
HSL	49°, 44%, 13%
HSV	49°, 61%, 18%
XYZ	2.0288, 2.2104, 0.8920
YIQ	39.8730, 10.3630, -6.0930

# Conversions

## Conversions Part 2

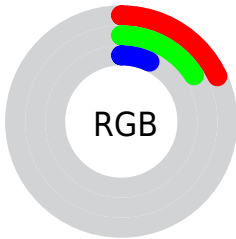
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 46, 18
Decimal	3025170
CIE <sub>Lab</sub>	16.55, -1.62, 15.78
CIE <sub>LCh</sub>	17, 15.868, 95.872
Yxy	2.2104, 0.3954, 0.4308
Android (android.graphics.Color)	4281215250 (0xFF2E2912)
YUV	39.8730, -10.7834, 5.3734
Hunter-Lab	14.8674, -1.6595, 6.8500

# Details

The Hex color **2E2912** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12172E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5D563D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E280D**, and if you desaturate by 10%, it is **2E2A17**.

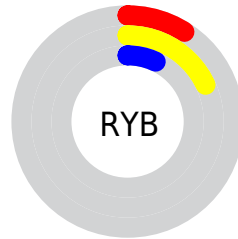
# Distribution



Red (18%)

Green (16%)

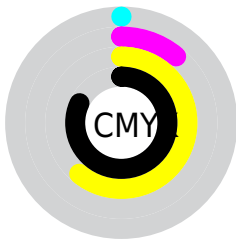
Blue (7%)



Red (9%)

Yellow (18%)

Blue (7%)

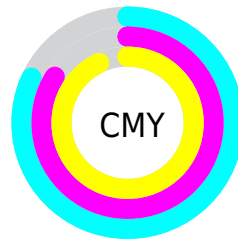


Cyan (0%)

Magenta (11%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E2912 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 2E2912 by changing the saturation by 10% instead.



 2E2912

 2E2912

 FFFFF3

 191500

 5D563D

 000000

 766E54

 90886C

 AAA286

 C6BDA0

 E2D9BB

 FFF5D7

 2E2912

 2E2912

■ 2E280D

■ 2E2A17

■ 2E2709

■ 2E2B1B

■ 2E2704

■ 2E2B20

■ 2E2600

■ 2E2C24

■ 2E2D29

■ 2E2E2E

■ 2E2F32

■ 2E3037

■ 2E303B

# Harmonies

## Analogous

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



382514



2E2912



222C16

# Triad

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



2E2912



002E36



392132

# Complementary

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



2E2912



12172E

# 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.



2D253B



2E2912



042D3D

# Square

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



2E2912



022F2B



1B293F



3E2027

# Rectangle

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



2E2912



192E1C



1B293F



362236



# Sweetspot

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



2E2912



3B3930



2E1217



1F1D18



9E9E9E



1F1F1F



# Same Dimension

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



2E2912



3B3310



252E12



171715



574700



D6B000



# Inverse Universe

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



12172E



10173B



1B122E



151517



000F57



0026D6



# Previews

## White Background



This preview shows how the Hex color 2E2912 looks on a white background.

## Color Contrast Check

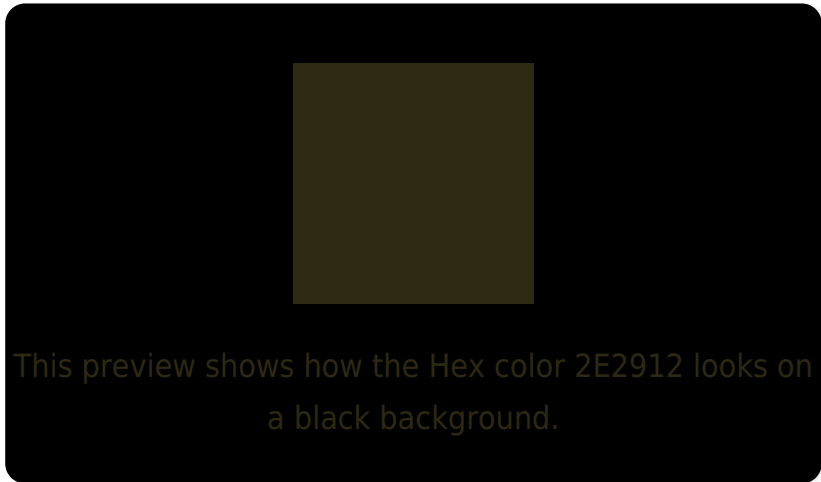
Large Text (above 18pt) WCAG AA ✓ Pass

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

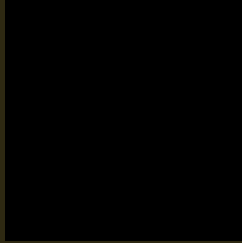
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E2912 Background



This preview shows how black text looks on a background with the Hex color 2E2912.

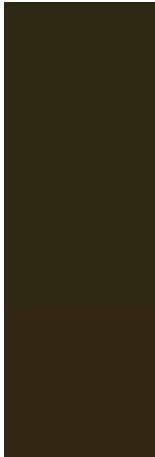


This preview shows how white text looks on a background with the Hex color 2E2912.

# 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**  
2E2912

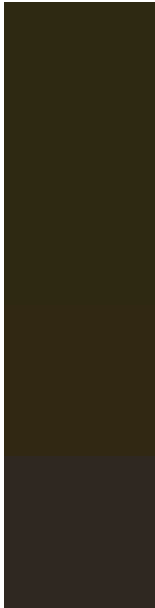
**Protanopia**  
2E2912

**Deuteranopia**  
332713



**Tritanopia**  
30272A

# Trichromacy



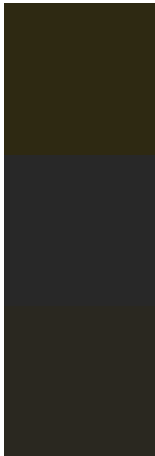
**Original Color**  
2E2912

**Protanomaly**  
2E2912

**Deuteranomaly**  
312813

**Tritanomaly**  
2F2821

# Monochromacy



**Original Color**  
2E2912

**Achromatopsia**  
282828

**Achromatomaly**  
2A2820

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E2912 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 #2E2912 looks like.

```
.text, #text, p{  
    color:#2E2912  
}
```

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 #2E2912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2912
}
```

## Border

The CSS property to change the border of an element to Hex 2E2912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

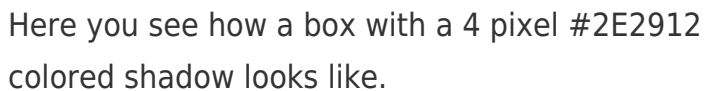
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2912 }
```

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

```
.border{ border-color:#2E2912 }
```

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



Here you see how a box with a 4 pixel #2E2912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2912; -webkit-box-shadow:4px 4px  
4px 4px #2E2912; box-shadow:4px 4px 4px  
4px #2E2912 }
```

# Background

The CSS property to change the background color of an element to Hex 2E2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2912 }
```

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

```
.background{ background-color:#2E2912 }
```

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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