

# Converting Colors

Hex(2E2B10)

Have a look what the booklet for  
Hex(2E2B10) contains.

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# Color

**Hex(2E2B10)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E2B10
RGB	46, 43, 16
RGB Percent	18%, 17%, 6%
CMY	0.8196, 0.8314, 0.9373
CMYK	0.00, 0.07, 0.65, 0.82
HSL	54°, 48%, 12%
HSV	54°, 65%, 18%
XYZ	2.0841, 2.3460, 0.8332
YIQ	40.8190, 10.4550, -7.7610

# Conversions

## Conversions Part 2

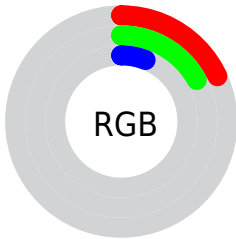
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 46, 16
Decimal	3025680
CIE Lab	17.21, -3.19, 17.75
CIE LCh	17, 18.034, 100.181
Yxy	2.3460, 0.3960, 0.4457
Android (android.graphics.Color)	4281215760 (0xFF2E2B10)
YUV	40.8190, -12.2358, 4.5437
Hunter-Lab	15.3167, -2.5160, 7.4964

# Details

The Hex color **2E2B10** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10132E**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5D583B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2B0B**, and if you desaturate by 10%, it is **2E2B15**.

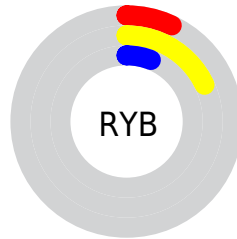
# Distribution



Red (18%)

Green (17%)

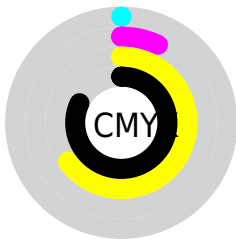
Blue (6%)



Red (7%)

Yellow (18%)

Blue (6%)

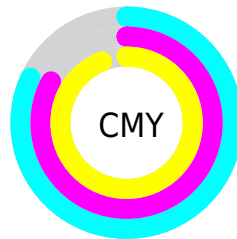


Cyan (0%)

Magenta (7%)

Yellow (65%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E2B10 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 2E2B10 by changing the saturation by 10% instead.



 2E2B10

 2E2B10

 FFFFF1

 191700

 5D583B

 000000

 767152

 908A6A

 AAA484

 C6BF9E

 E2DBB9

 FFF8D5

 2E2B10

 2E2B10

■ 2E2B0B

■ 2E2B15

■ 2E2A07

■ 2E2C19

■ 2E2A02

■ 2E2C1E

■ 2E2900

■ 2E2D22

■ 2E2D27

■ 2E2E2C

■ 2E2E30

■ 2E2F35

■ 2E2F39

# Harmonies

## Analogous

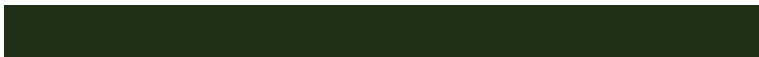
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



392712



2E2B10



202E16

# Triad

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



2E2B10



00303B



3E2133

# Complementary

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



2E2B10



10132E

# 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.



31253E



2E2B10



002E42

# Square

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



2E2B10



00312E



1D2A44



432026

# Rectangle

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



2E2B10



15301D



1D2A44



3A2237



# Sweetspot

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



2E2B10



3B392F



2E1013



1F1E17



9E9E9E



1F1F1F



# Same Dimension

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



2E2B10



3B360D



222E10



171715



574E00



D6C100



# Inverse Universe

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



10132E



0D113B



1C102E



151517



000957

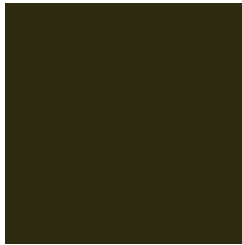


0015D6



# Previews

## White Background



This preview shows how the Hex color 2E2B10 looks on a white background.

## Color Contrast Check

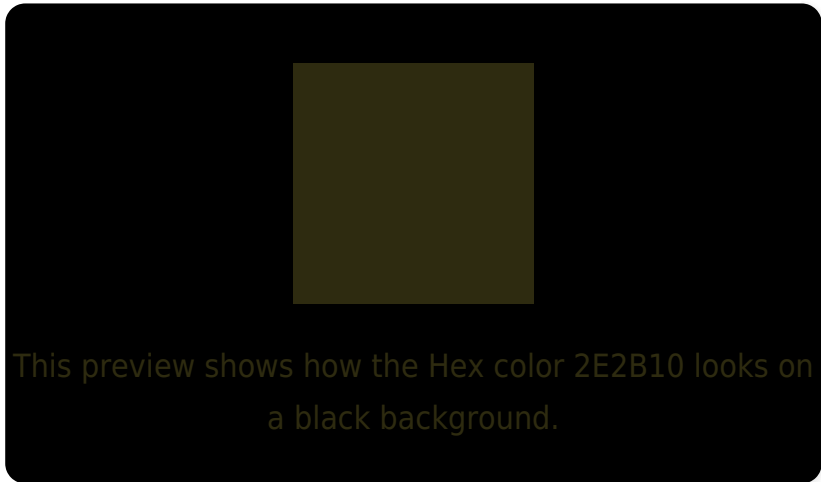
Large Text (above 18pt) WCAG AA ✓ Pass

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

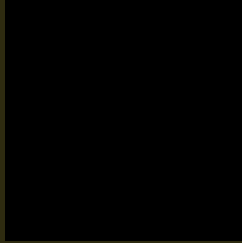
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E2B10 Background



This preview shows how black text looks on a background with the Hex color 2E2B10.

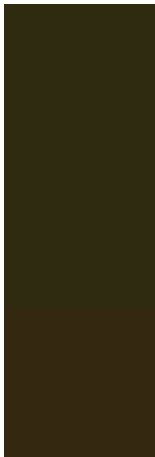


This preview shows how white text looks on a background with the Hex color 2E2B10.

# 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**  
2E2B10

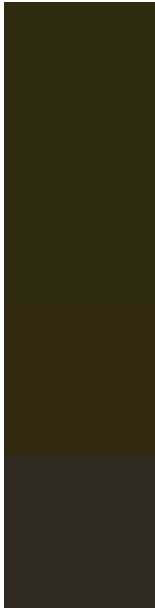
**Protanopia**  
2F2B10

**Deuteranopia**  
352811



**Tritanopia**  
30282B

# Trichromacy



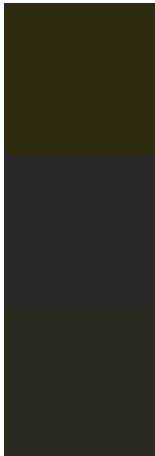
**Original Color**  
2E2B10

**Protanomaly**  
2F2B10

**Deuteranomaly**  
322911

**Tritanomaly**  
2F2921

# Monochromacy



**Original Color**  
2E2B10

**Achromatopsia**  
292929

**Achromatomaly**  
2B2A20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E2B10 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 #2E2B10 looks like.

```
.text, #text, p{  
    color:#2E2B10  
}
```

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 #2E2B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2B10
}
```

## Border

The CSS property to change the border of an element to Hex 2E2B10 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
#2E2B10 }
```

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

```
.border{ border-color:#2E2B10 }
```

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

Here you see how a box with a 4 pixel #2E2B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2B10; -webkit-box-shadow:4px 4px  
4px 4px #2E2B10; box-shadow:4px 4px 4px  
4px #2E2B10 }
```

# Background

The CSS property to change the background color of an element to Hex 2E2B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2B10 }
```

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

```
.background{ background-color:#2E2B10 }
```

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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