

Converting Colors

Hex(2E2E12)

Have a look what the booklet for
Hex(2E2E12) contains.

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Color

Hex(2E2E12)

Conversions

Conversions Part 1

Format	Color
Hex	2E2E12
RGB	46, 46, 18
RGB Percent	18%, 18%, 7%
CMY	0.8196, 0.8196, 0.9294
CMYK	0.00, 0.00, 0.61, 0.82
HSL	60°, 44%, 13%
HSV	60°, 61%, 18%
XYZ	2.2129, 2.5785, 0.9533
YIQ	42.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

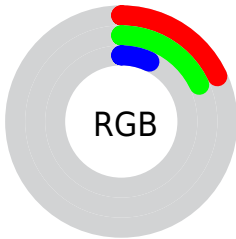
Format	Color
RYB	18, 46, 18
Decimal	3026450
CIELab	18.27, -4.94, 17.86
CIELCh	18, 18.535, 105.468
Yxy	2.5785, 0.3852, 0.4488
Android (android.graphics.Color)	4281216530 (0xFF2E2E12)
YUV	42.8080, -12.2303, 2.7994
Hunter-Lab	16.0577, -3.5022, 7.7204

Details

The Hex color **2E2E12** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12122E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5D5C3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2E0D**, and if you desaturate by 10%, it is **2E2E17**.

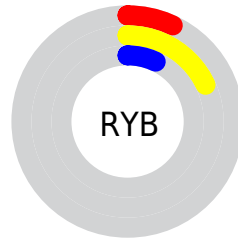
Distribution



Red (18%)

Green (18%)

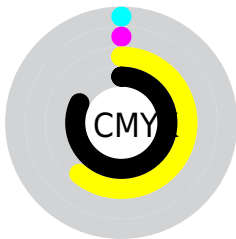
Blue (7%)



Red (7%)

Yellow (18%)

Blue (7%)

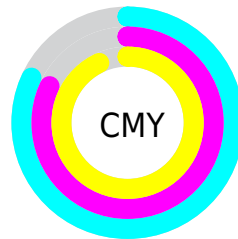


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2E12 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 2E2E12 by changing the saturation by 10% instead.

 2E2E12

 2E2E12

 FFFFF4

 1A1900

 5D5C3D

 000000

 767454

 908E6D

 AAA886

 C6C3A0

 E2DFBB

 FFFCD7

 2E2E12

 2E2E12

■ 2E2E0D

■ 2E2E17

■ 2E2E09

■ 2E2E1B

■ 2E2E04

■ 2E2E20

■ 2E2E00

■ 2E2E24

■ 2E2E29

■ 2E2E2E

■ 2E2E32

■ 2E2E37

■ 2E2E3B

Harmonies

Analogous

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



3A2A12



2E2E12



1F3119

Triad

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



2E2E12



00323F



422234

Complementary

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



2E2E12



12122E

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.



37263F



2E2E12



053046

Square

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



2E2E12



003433



232C46



462226

Rectangle

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



2E2E12



133321



232C46



3F2338

Sweetspot

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



2E2E12



3B3B30



2E1212



1F1F18



9E9E9E



1F1F1F

Same Dimension

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



2E2E12



3B3B10



202E12



171715



575700



D6D600

Inverse Universe

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



12122E



10103B



20122E



151517



000057



0000D6

Previews

White Background



This preview shows how the Hex color 2E2E12 looks on a white background.

Color Contrast Check

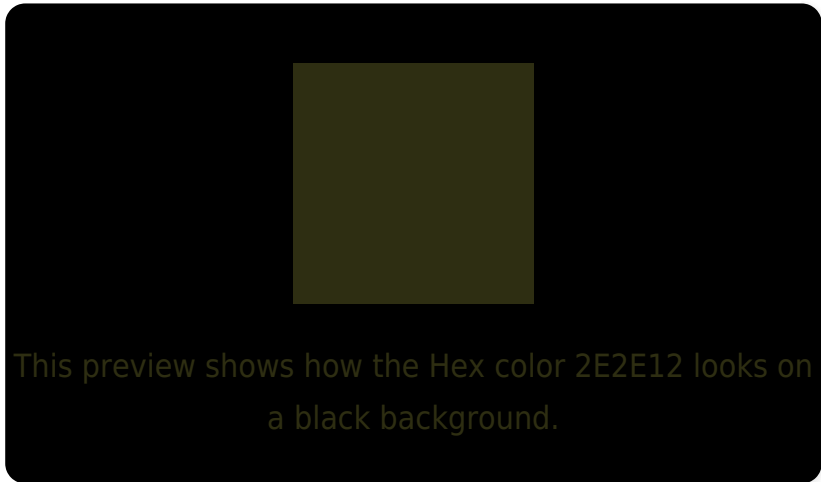
Large Text (above 18pt) WCAG AA ✓ Pass

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

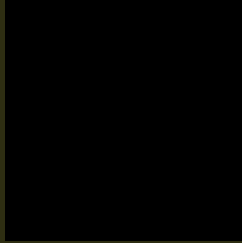
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

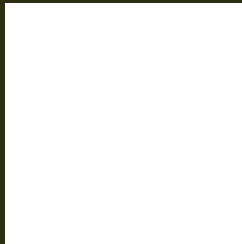
Any Text WCAG AAA × Fail

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

Hex 2E2E12 Background



This preview shows how black text looks on a background with the Hex color 2E2E12.

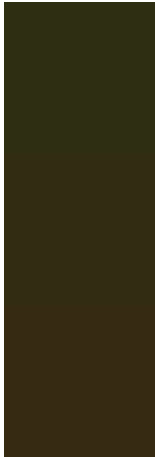


This preview shows how white text looks on a background with the Hex color 2E2E12.

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
2E2E12

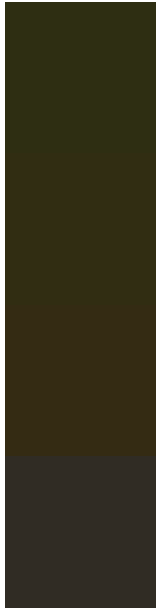
Protanopia
322D12

Deuteranopia
372A13



Tritanopia
312B2E

Trichromacy



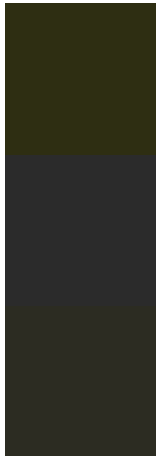
Original Color
2E2E12

Protanomaly
312D12

Deuteranomaly
342B13

Tritanomaly
302C24

Monochromacy



Original Color
2E2E12

Achromatopsia
2B2B2B

Achromatomaly
2C2C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2E12 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 #2E2E12 looks like.

```
.text, #text, p{  
    color:#2E2E12  
}
```

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 #2E2E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2E12
}
```

Border

The CSS property to change the border of an element to Hex 2E2E12 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
#2E2E12 }
```

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

```
.border{ border-color:#2E2E12 }
```

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

Here you see how a box with a 4 pixel #2E2E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2E12; -webkit-box-shadow:4px 4px  
4px 4px #2E2E12; box-shadow:4px 4px 4px  
4px #2E2E12 }
```

Background

The CSS property to change the background color of an element to Hex 2E2E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2E12 }
```

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

```
.background{ background-color:#2E2E12 }
```

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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