

Converting Colors

Hex(2E221D)

Have a look what the booklet for
Hex(2E221D) contains.

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Color

Hex(2E221D)

Conversions

Conversions Part 1

Format	Color
Hex	2E221D
RGB	46, 34, 29
RGB Percent	18%, 13%, 11%
CMY	0.8196, 0.8667, 0.8863
CMYK	0.00, 0.26, 0.37, 0.82
HSL	18°, 23%, 15%
HSV	18°, 37%, 18%
XYZ	1.9205, 1.8136, 1.4112
YIQ	37.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

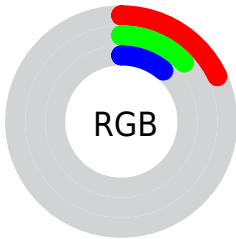
Format	Color
RYB	46, 36, 29
Decimal	3023389
CIELab	14.48, 4.82, 5.57
CIElCh	14, 7.363, 49.121
Yxy	1.8136, 0.3733, 0.3525
Android (android.graphics.Color)	4281213469 (0xFF2E221D)
YUV	37.0180, -3.9529, 7.8772
Hunter-Lab	13.4670, 1.8884, 3.2138




Details

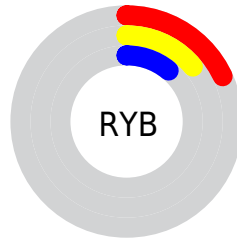
The Hex color **2E221D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D292E**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **5C4E48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1F18**, and if you desaturate by 10%, it is **2E2522**.

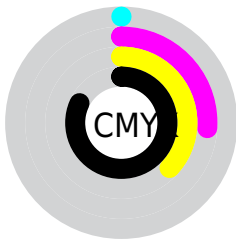
Distribution







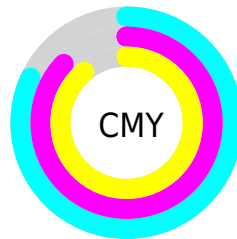
-  Red (18%)
-  Green (13%)
-  Blue (11%)






-  Red (18%)
-  Yellow (14%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (37%)
-  Black (82%)



-  Cyan (82%)
-  Magenta (87%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E221D 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 2E221D by changing the saturation by 10% instead.

■ 2E221D

■ 2E221D

FFFFFF

■ 1B0C03

■ 5C4E48

■ 000000

■ 756660

■ 8F7F79

■ A99993

■ C5B4AD

■ E1CFC9

■ FDECE5

■ 2E221D

■ 2E221D

■ 2E1F18

■ 2E2522

■ 2E1C14

■ 2E2826

■ 2E180F

■ 2E2C2B

■ 2E150B

■ 2E2F2F

■ 2E1206

■ 2E3234

■ 2E0F01

■ 2E3539

■ 2E0E00

■ 2E393D

■ 2E3C42

■ 2E3F46

Harmonies

Analogous

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



2F2121



2E221D



2A241B

Triad

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



2E221D



1A2722



23242E

Complementary

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



2E221D



1D292E

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.



1C262F



2E221D



172828

Square

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



2E221D



1F271E



17272C



29222B

Rectangle

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



2E221D



27251A



17272C



21252F

Sweetspot

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



2E221D



3B3634



2E1D29



1F1C1B



9E9E9E



1F1F1F

Same Dimension

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



2E221D



3B2821



2E2A1D



171515



571A00



D63F00

Inverse Universe

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



1D292E



21333B



1D212E



151617



003D57



0097D6

Previews

White Background



This preview shows how the Hex color 2E221D 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

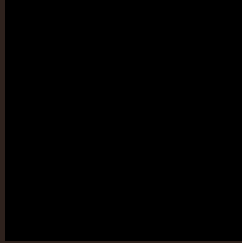
Any Text WCAG AA × Fail

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 2E221D Background



This preview shows how black text looks on a background with the Hex color 2E221D.

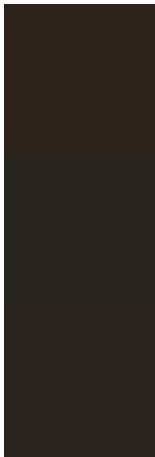


This preview shows how white text looks on a background with the Hex color 2E221D.

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
2E221D

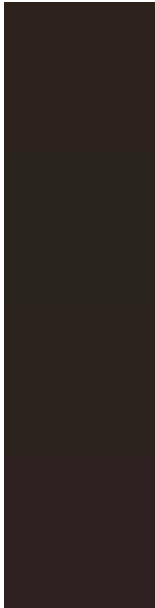
Protanopia
27251E

Deuteranopia
2B231D



Tritanopia
2F2124

Trichromacy



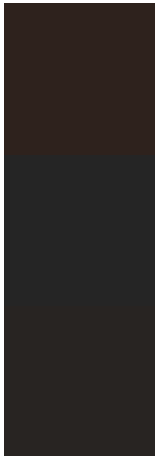
Original Color
2E221D

Protanomaly
2A241E

Deuteranomaly
2C231D

Tritanomaly
2F2121

Monochromacy



Original Color
2E221D

Achromatopsia
252525

Achromatomaly
282422

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E221D 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 #2E221D looks like.

```
.text, #text, p{  
    color:#2E221D  
}
```

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 #2E221D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E221D
}
```

Border

The CSS property to change the border of an element to Hex 2E221D is called "border". The border property can be set on classes, ids or directly on the HTML element.

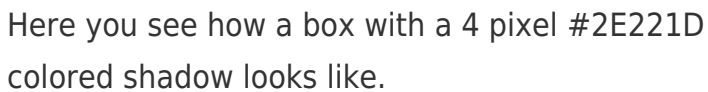
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E221D }
```

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

```
.border{ border-color:#2E221D }
```

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



Here you see how a box with a 4 pixel #2E221D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E221D; -webkit-box-shadow:4px 4px  
4px 4px #2E221D; box-shadow:4px 4px 4px  
4px #2E221D }
```

Background

The CSS property to change the background color of an element to Hex 2E221D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E221D }
```

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

```
.background{ background-color:#2E221D }
```

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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