

Converting Colors

Hex(2E200D)

Have a look what the booklet for
Hex(2E200D) contains.

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Color

Hex(2E200D)

Conversions

Conversions Part 1

Format	Color
Hex	2E200D
RGB	46, 32, 13
RGB Percent	18%, 13%, 5%
CMY	0.8196, 0.8745, 0.9490
CMYK	0.00, 0.30, 0.72, 0.82
HSL	35°, 56%, 12%
HSV	35°, 72%, 18%
XYZ	1.7159, 1.6429, 0.6074
YIQ	34.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

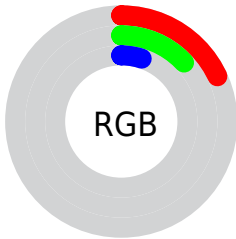
Format	Color
R_{YB}	37, 46, 13
Decimal	3022861
CIE _{Lab}	13.49, 4.06, 14.57
CIE _{LCh}	13, 15.123, 74.441
Yxy	1.6429, 0.4326, 0.4142
Android (android.graphics.Color)	4281212941 (0xFF2E200D)
YUV	34.0200, -10.3629, 10.5065
Hunter-Lab	12.8177, 1.4645, 6.1625

Details

The Hex color **2E200D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0D1B2E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5D4C38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E1E08**, and if you desaturate by 10%, it is **2E2212**.

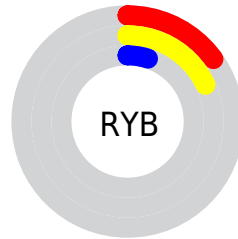
Distribution



Red (18%)

Green (13%)

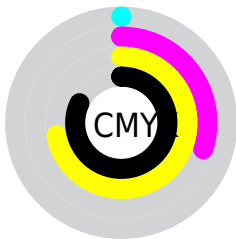
Blue (5%)



Red (15%)

Yellow (18%)

Blue (5%)

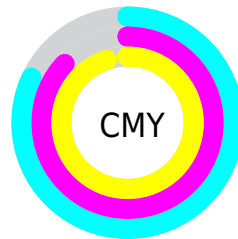


Cyan (0%)

Magenta (30%)

Yellow (72%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E200D 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 2E200D by changing the saturation by 10% instead.

 2E200D

 2E200D

 FFFFED

 180900

 5D4C38

 000000

 76644F

 907D67

 AB9680

 C7B19A

 E3CDB5

 FFE9D1

 2E200D

 2E200D

■ 2E1E08

■ 2E2212

■ 2E1C04

■ 2E2416

■ 2E1A00

■ 2E261B

■ 2E281F

■ 2E2A24

■ 2E2C29

■ 2E2E2D

■ 2E3032

■ 2E3236

Harmonies

Analogous

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



341C14



2E200D



24240C

Triad

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



2E200D



002827



2A1E32

Complementary

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



2E200D



0D1B2E

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.



1B2237



2E200D



002731

Square

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



2E200D



0A281D



052537



331B28

Rectangle

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



2E200D



1D2510



052537



261F34

Sweetspot

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



2E200D



3B352E



2E0D1B



1F1B17



9E9E9E



1F1F1F

Same Dimension

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



2E200D



3B2508



2C2E0D



171615



573200



D67B00

Inverse Universe

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



0D1B2E



081E3B



0F0D2E



151617



002557



005BD6

Previews

White Background



This preview shows how the Hex color 2E200D 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

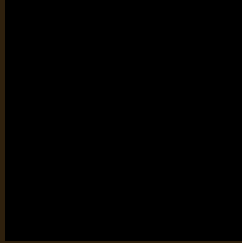
Any Text WCAG AA × Fail

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 2E200D Background



This preview shows how black text looks on a background with the Hex color 2E200D.



This preview shows how white text looks on a background with the Hex color 2E200D.

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
2E200D

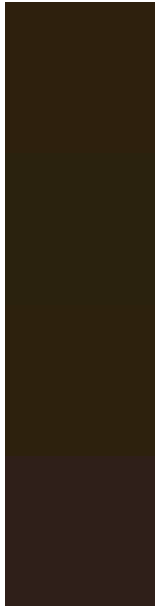
Protanopia
27230E

Deuteranopia
2C210D



Tritanopia
2F1E20

Trichromacy



Original Color
2E200D

Protanomaly
2A220E

Deuteranomaly
2D210D

Tritanomaly
2F1F19

Monochromacy



Original Color
2E200D

Achromatopsia
222222

Achromatomaly
26211A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E200D 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 #2E200D looks like.

```
.text, #text, p{  
    color:#2E200D  
}
```

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 #2E200D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E200D
}
```

Border

The CSS property to change the border of an element to Hex 2E200D is called "border". The border property can be set on classes, ids or directly on the HTML element.

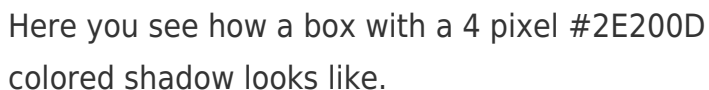
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E200D }
```

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

```
.border{ border-color:#2E200D }
```

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



Here you see how a box with a 4 pixel #2E200D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E200D; -webkit-box-shadow:4px 4px  
4px 4px #2E200D; box-shadow:4px 4px 4px  
4px #2E200D }
```

Background

The CSS property to change the background color of an element to Hex 2E200D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E200D }
```

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

```
.background{ background-color:#2E200D }
```

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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