

Converting Colors

Hex(2E002D)

Have a look what the booklet for
Hex(2E002D) contains.

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Color

Hex(2E002D)

Conversions

Conversions Part 1

Format	Color
Hex	2E002D
RGB	46, 0, 45
RGB Percent	18%, 0%, 18%
CMY	0.8196, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.02, 0.82
HSL	301°, 100%, 9%
HSV	301°, 100%, 18%
XYZ	1.6004, 0.7703, 2.5470
YIQ	18.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

Format	Color
RYB	46, 0, 45
Decimal	3014701
CIELab	6.96, 29.20, -17.62
CIELCh	7, 34.099, 328.895
Yxy	0.7703, 0.3254, 0.1566
Android (android.graphics.Color)	4281204781 (0xFF2E002D)
YUV	18.8840, 12.8752, 23.7807
Hunter-Lab	8.7767, 17.1890, -11.0620

Details

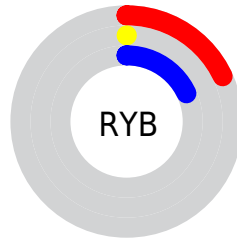
The Hex color **2E002D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002E01**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5E2E5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E002D**, and if you desaturate by 10%, it is **2E052D**.

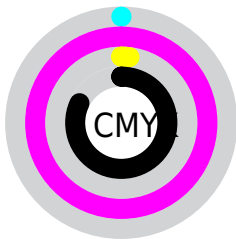
Distribution



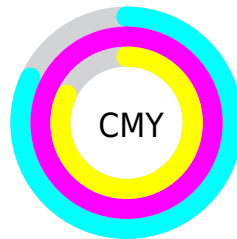
- Red (18%)
- Green (0%)
- Blue (18%)



- Red (18%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E002D 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 2E002D by changing the saturation by 10% instead.

 2E002D

 2E002D

 FFE4FF

 170018

 5E2E5B

 000000

 784574

 925E8D

 AD77A8

 C991C3

 E5ACDF

 FFC7FC

 2E002D

■ 2E052D

■ 2E092D

■ 2E0E2D

■ 2E122D

■ 2E172E

■ 2E1C2E

■ 2E202E

■ 2E252E

■ 2E292E

Harmonies

Analogous

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



0B103D



2E002D



3A0017

Triad

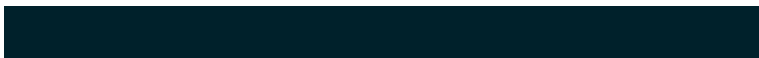
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E002D



1D1400



00212B

Complementary

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



2E002D



002E01

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.



002014



2E002D



001B00

Square

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



2E002D



2E0900



002000



001F3C

Rectangle

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



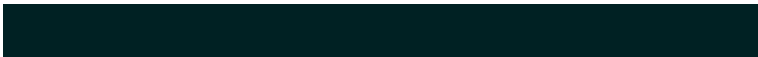
2E002D



3B0000



002000



002123

Sweetspot

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



2E002D



3B293A



01002E



1F141E



9E9E9E



1F1F1F

Same Dimension

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



2E002D



3B0039



2E0016



171517



570055



D600D2

Inverse Universe

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



2E002D



3B0039



002E18



171517



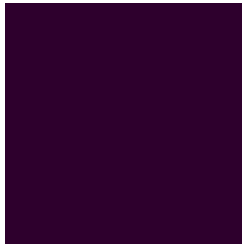
570055



D600D2

Previews

White Background



This preview shows how the Hex color 2E002D looks on a white background.

Color Contrast Check

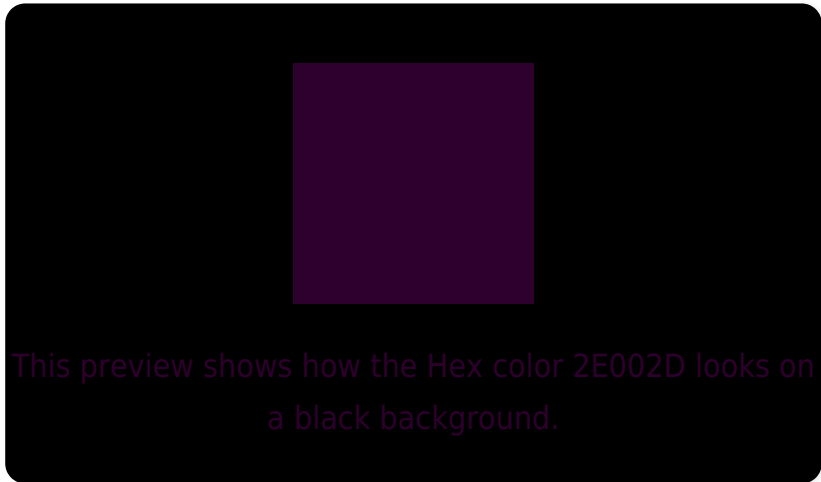
Large Text (above 18pt) WCAG AA ✓ Pass

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

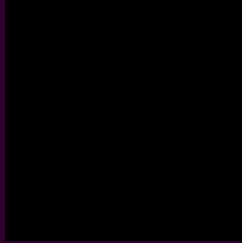
Any Text WCAG AA × Fail

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 2E002D Background



This preview shows how black text looks on a background with the Hex color 2E002D.



This preview shows how white text looks on a background with the Hex color 2E002D.

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
2E002D

Protanopia
001936

Deuteranopia
111A2A

Trichromacy



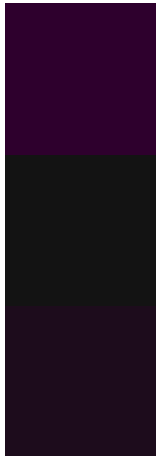
Original Color
2E002D

Protanomaly
111033

Deuteranomaly
1C112B

Tritanomaly
2C0B1C

Monochromacy



Original Color
2E002D

Achromatopsia
131313

Achromatomaly
1D0C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E002D 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 #2E002D looks like.

```
.text, #text, p{  
    color:#2E002D  
}
```

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 #2E002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E002D
}
```

Border

The CSS property to change the border of an element to Hex 2E002D is called "border". The border property can be set on classes, ids or directly on the HTML element.

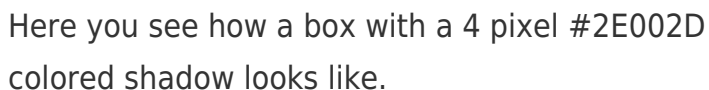
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E002D }
```

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

```
.border{ border-color:#2E002D }
```

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



Here you see how a box with a 4 pixel #2E002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E002D; -webkit-box-shadow:4px 4px  
4px 4px #2E002D; box-shadow:4px 4px 4px  
4px #2E002D }
```

Background

The CSS property to change the background color of an element to Hex 2E002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E002D }
```

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

```
.background{ background-color:#2E002D }
```

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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