

Converting Colors

Hex(2E083D)

Have a look what the booklet for
Hex(2E083D) contains.

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Color

Hex(2E083D)

Conversions

Conversions Part 1

Format	Color
Hex	2E083D
RGB	46, 8, 61
RGB Percent	18%, 3%, 24%
CMY	0.8196, 0.9686, 0.7608
CMYK	0.25, 0.87, 0.00, 0.76
HSL	283°, 77%, 14%
HSV	283°, 87%, 24%
XYZ	2.0559, 1.0914, 4.5172
YIQ	25.4040, 5.6350, 24.5390

Conversions

Conversions Part 2

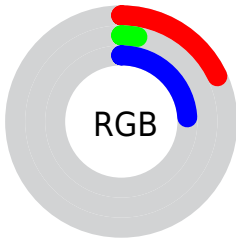
Format	Color
R_{YB}	46, 8, 61
Decimal	3016765
CIE Lab	9.73, 28.40, -24.87
CIE LCh	10, 37.753, 318.791
Yxy	1.0914, 0.2682, 0.1424
Android (android.graphics.Color)	4281206845 (0xFF2E083D)
YUV	25.4040, 17.5488, 18.0627
Hunter-Lab	10.4472, 16.8437, -18.3231

Details

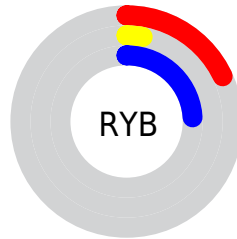
The Hex color **2E083D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173D08**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5E366D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **2C023D**, and if you desaturate by 10%, it is **300E3D**.

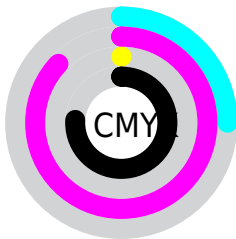
Distribution



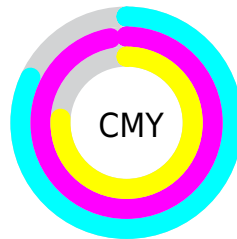
- Red (18%)
- Green (3%)
- Blue (24%)



- Red (18%)
- Yellow (3%)
- Blue (24%)



- Cyan (25%)
- Magenta (87%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (97%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E083D 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 2E083D by changing the saturation by 10% instead.

 2E083D

 2E083D

 FFEDFF

 1D0027

 5E366D

 000110

 784E86

 000000

 9266A1

 AD80BC

 C99AD8

 E5B5F4

 FFD1FF

 2E083D

 2E083D

■ 2C023D

■ 300E3D

■ 2C003D

■ 31143D

■ 331A3D

■ 35203D

■ 37273D

■ 382D3D

■ 3A333D

■ 3C393D

■ 3E3F3D

Harmonies

Analogous

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



00194C



2E083D



410026

Triad

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



2E083D



2B1600



00272B

Complementary

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



2E083D



173D08

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.



00260F



2E083D



141F00

Square

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



2E083D



3C0700



002400



002541

Rectangle

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



2E083D



450015



002400



002722

Sweetspot

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



2E083D



493A4F



08173D



251C29



A8A8A8



292929

Same Dimension

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



2E083D



39004F



3D0832



1E1C1F



44005E



9F00DE

Inverse Universe

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



3D0817



4F0016



083D13



1F1C1C



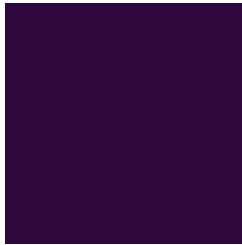
5E001B



DE003F

Previews

White Background



This preview shows how the Hex color 2E083D 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

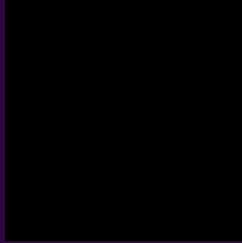
Any Text WCAG AA × Fail

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 2E083D Background



This preview shows how black text looks on a background with the Hex color 2E083D.



This preview shows how white text looks on a background with the Hex color 2E083D.

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
2E083D

Protanopia
001C3C

Deuteranopia
001E34



Tritanopia
29191B

Trichromacy



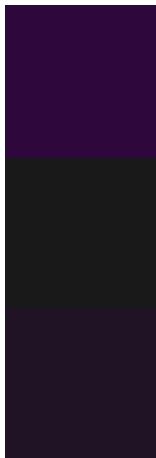
Original Color
2E083D

Protanomaly
11153C

Deuteranomaly
111637

Tritanomaly
2B1327

Monochromacy



Original Color
2E083D

Achromatopsia
191919

Achromatomaly
211326

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E083D 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 #2E083D looks like.

```
.text, #text, p{  
    color:#2E083D  
}
```

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 #2E083D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E083D
}
```

Border

The CSS property to change the border of an element to Hex 2E083D is called "border". The border property can be set on classes, ids or directly on the HTML element.

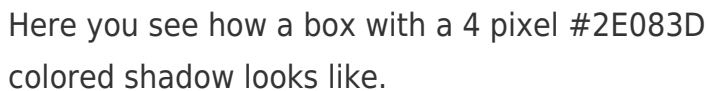
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E083D }
```

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

```
.border{ border-color:#2E083D }
```

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



Here you see how a box with a 4 pixel #2E083D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E083D; -webkit-box-shadow:4px 4px  
4px 4px #2E083D; box-shadow:4px 4px 4px  
4px #2E083D }
```

Background

The CSS property to change the background color of an element to Hex 2E083D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E083D }
```

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

```
.background{ background-color:#2E083D }
```

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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