

Converting Colors

Hex(2E133C)

Have a look what the booklet for
Hex(2E133C) contains.

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Color

Hex(2E133C)

Conversions

Conversions Part 1

Format	Color
Hex	2E133C
RGB	46, 19, 60
RGB Percent	18%, 7%, 24%
CMY	0.8196, 0.9255, 0.7647
CMYK	0.23, 0.68, 0.00, 0.76
HSL	280°, 52%, 15%
HSV	280°, 68%, 24%
XYZ	2.1752, 1.3728, 4.4253
YIQ	31.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

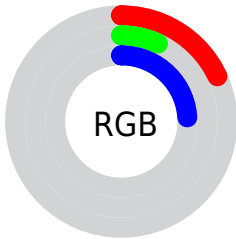
Format	Color
RYB	46, 19, 60
Decimal	3019580
CIELab	11.78, 22.23, -20.87
CIElCh	12, 30.498, 316.807
Yxy	1.3728, 0.2728, 0.1722
Android (android.graphics.Color)	4281209660 (0xFF2E133C)
YUV	31.7470, 13.9287, 12.4999
Hunter-Lab	11.7168, 12.6338, -14.1914

Details

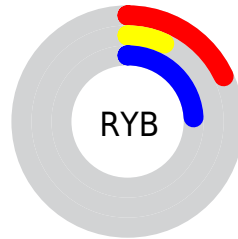
The Hex color **2E133C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **213C13**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5D3F6C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **2C0D3C**, and if you desaturate by 10%, it is **30193C**.

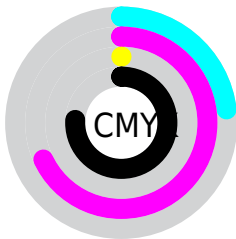
Distribution



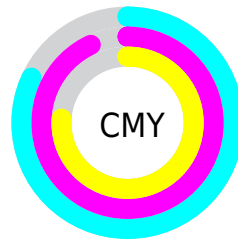
- Red (18%)
- Green (7%)
- Blue (24%)



- Red (18%)
- Yellow (7%)
- Blue (24%)



- Cyan (23%)
- Magenta (68%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E133C 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 2E133C by changing the saturation by 10% instead.

 2E133C

 2E133C

 FFF7FF


 1C0026

 5D3F6C

 00010F

 775785

 000000

 916F9F

 AB89BA

 C7A3D6

 E3BFF3

 FFDAFF

 2E133C

 2E133C

■ 2C0D3C

■ 30193C

■ 2A073C

■ 321F3C

■ 28013C

■ 34253C

■ 28003C

■ 362B3C

■ 38313C

■ 3A373C

■ 3C3D3C

■ 3E433C

■ 40493C

Harmonies

Analogous

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



001E48



2E133C



3F0729

Triad

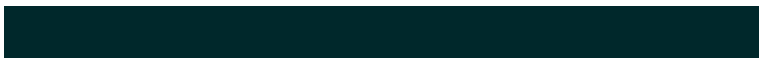
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E133C



301B00



00282B

Complementary

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



2E133C



213C13

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.



002815



2E133C



1D2200

Square

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



2E133C



3D1000



052600



00273D

Rectangle

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



2E133C



43051B



052600



002823

Sweetspot

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



2E133C



493E4F



13213C



251F29



A8A8A8



292929

Same Dimension

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



2E133C



390E4F



3C1336



1E1C1F



3E005E



9200DE

Inverse Universe

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



3C1321



4F0E24



133C19



1F1C1D



5E0020



DE004C

Previews

White Background



This preview shows how the Hex color 2E133C looks on a white background.

Color Contrast Check

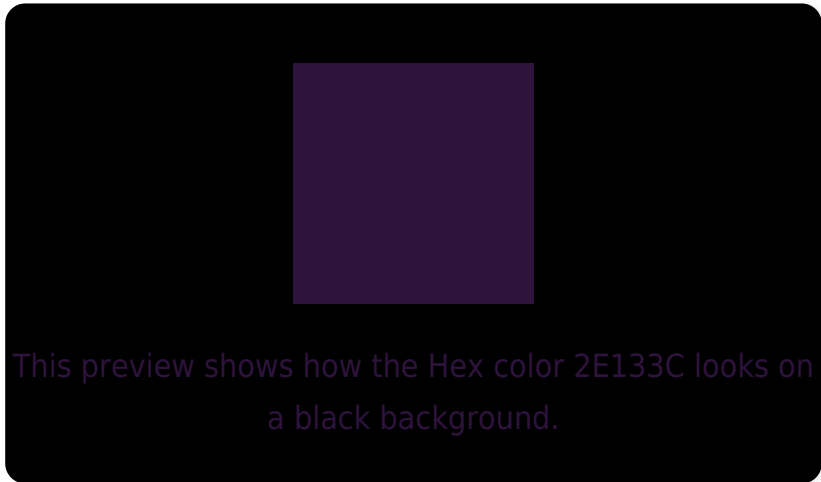
Large Text (above 18pt) WCAG AA ✓ Pass

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

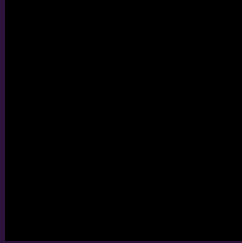
Any Text WCAG AA × Fail

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 2E133C Background



This preview shows how black text looks on a background with the Hex color 2E133C.



This preview shows how white text looks on a background with the Hex color 2E133C.

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](#).

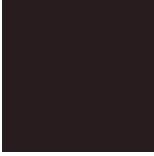
Dichromacy



Original Color
2E133C

Protanopia
001F42

Deuteranopia
072139



Tritanopia
291C1F

Trichromacy



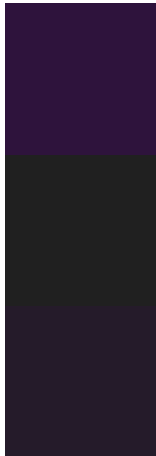
Original Color
2E133C

Protanomaly
111B40

Deuteranomaly
151C3A

Tritanomaly
2B192A

Monochromacy



Original Color
2E133C

Achromatopsia
202020

Achromatomaly
251B2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E133C 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 #2E133C looks like.

```
.text, #text, p{  
    color:#2E133C  
}
```

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 #2E133C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E133C
}
```

Border

The CSS property to change the border of an element to Hex 2E133C is called "border". The border property can be set on classes, ids or directly on the HTML element.

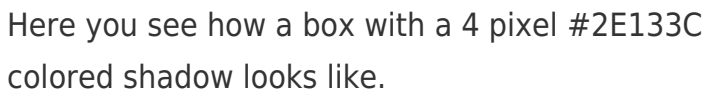
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E133C }
```

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

```
.border{ border-color:#2E133C }
```

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



Here you see how a box with a 4 pixel #2E133C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E133C; -webkit-box-shadow:4px 4px  
4px 4px #2E133C; box-shadow:4px 4px 4px  
4px #2E133C }
```

Background

The CSS property to change the background color of an element to Hex 2E133C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E133C }
```

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

```
.background{ background-color:#2E133C }
```

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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