

# Converting Colors

Hex(2E0E3D)

Have a look what the booklet for  
Hex(2E0E3D) contains.

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# Color

**Hex(2E0E3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E0E3D
RGB	46, 14, 61
RGB Percent	18%, 5%, 24%
CMY	0.8196, 0.9451, 0.7608
CMYK	0.25, 0.77, 0.00, 0.76
HSL	281°, 63%, 15%
HSV	281°, 77%, 24%
XYZ	2.1261, 1.2318, 4.5406
YIQ	28.9260, 3.9850, 21.4010

# Conversions

## Conversions Part 2

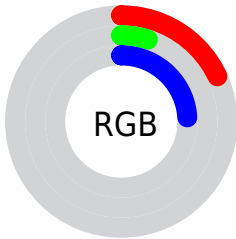
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 14, 61
Decimal	3018301
CIELab	10.79, 25.40, -23.17
CIElCh	11, 34.381, 317.640
Yxy	1.2318, 0.2692, 0.1560
Android (android.graphics.Color)	4281208381 (0xFF2E0E3D)
YUV	28.9260, 15.8125, 14.9739
Hunter-Lab	11.0988, 14.7699, -16.4867

# Details

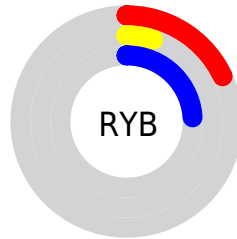
The Hex color **2E0E3D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D3D0E**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5E3B6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **2C083D**, and if you desaturate by 10%, it is **30143D**.

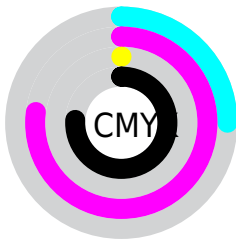
# Distribution



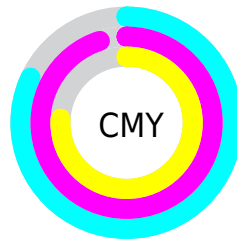
- Red (18%)
- Green (5%)
- Blue (24%)



- Red (18%)
- Yellow (5%)
- Blue (24%)



- Cyan (25%)
- Magenta (77%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (95%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E0E3D 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 2E0E3D by changing the saturation by 10% instead.



 2E0E3D

 2E0E3D

 FFF2FF

 1C0027

 5E3B6D

 000110

 775286

 000000

 916BA1

 AC84BC

 C89FD8

 E4BAF4

 FFD6FF

 2E0E3D

 2E0E3D

■ 2C083D

■ 30143D

■ 2A023D

■ 321A3D

■ 2A003D

■ 34203D

■ 36263D

■ 382D3D

■ 3A333D

■ 3C393D

■ 3E3F3D

■ 40453D

# Harmonies

## Analogous

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



001B4A



2E0E3D



410028

# Triad

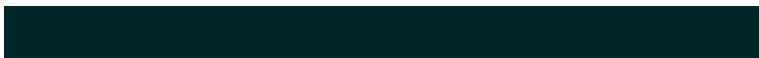
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0E3D



2D1900



00282B

# Complementary

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



2E0E3D



1D3D0E

# 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.



002712



2E0E3D



192000

# Square

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



2E0E3D



3D0B00



002500



002640

# Rectangle

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



2E0E3D



440018



002500



002823



# Sweetspot

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



2E0E3D



493D4F



0E1E3D



251D29



A8A8A8



292929



# Same Dimension

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



2E0E3D



38064F



3D0E35



1E1C1F



40005E



9700DE



# Inverse Universe

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



3D0E1D



4F061E



0E3D16



1F1C1D



5E001E

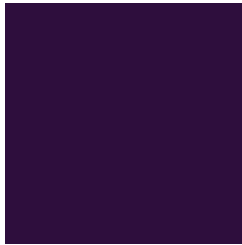


DE0047



# Previews

## White Background



This preview shows how the Hex color 2E0E3D 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

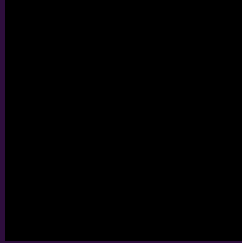
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E0E3D Background



This preview shows how black text looks on a background with the Hex color 2E0E3D.



This preview shows how white text looks on a background with the Hex color 2E0E3D.

# 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**  
2E0E3D

**Protanopia**  
001E3E

**Deuteranopia**  
001F37



**Tritanopia**  
291B1D

# Trichromacy



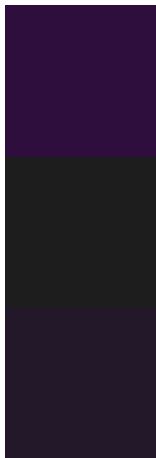
**Original Color**  
2E0E3D

**Protanomaly**  
11183E

**Deuteranomaly**  
111939

**Tritanomaly**  
2B1629

# Monochromacy



**Original Color**  
2E0E3D

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
231829

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E0E3D 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 #2E0E3D looks like.

```
.text, #text, p{  
    color:#2E0E3D  
}
```

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 #2E0E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0E3D
}
```

## Border

The CSS property to change the border of an element to Hex 2E0E3D 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
#2E0E3D }
```

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

```
.border{ border-color:#2E0E3D }
```

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

Here you see how a box with a 4 pixel #2E0E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0E3D; -webkit-box-shadow:4px 4px  
4px 4px #2E0E3D; box-shadow:4px 4px 4px  
4px #2E0E3D }
```

# Background

The CSS property to change the background color of an element to Hex 2E0E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0E3D }
```

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

```
.background{ background-color:#2E0E3D }
```

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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