

# Converting Colors

Hex(2E0A49)

Have a look what the booklet for  
Hex(2E0A49) contains.

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# Color

**Hex(2E0A49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E0A49
RGB	46, 10, 73
RGB Percent	18%, 4%, 29%
CMY	0.8196, 0.9608, 0.7137
CMYK	0.37, 0.86, 0.00, 0.71
HSL	274°, 76%, 16%
HSV	274°, 86%, 29%
XYZ	2.4379, 1.2790, 6.4217
YIQ	27.9460, 1.2330, 27.2250

# Conversions

## Conversions Part 2

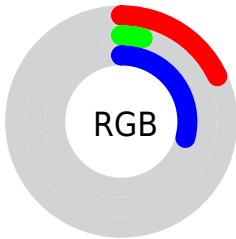
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 10, 73
Decimal	3017289
CIELab	11.13, 30.53, -31.08
CIElCh	11, 43.563, 314.486
Yxy	1.2790, 0.2405, 0.1261
Android (android.graphics.Color)	4281207369 (0xFF2E0A49)
YUV	27.9460, 22.2116, 15.8334
Hunter-Lab	11.3091, 18.6874, -25.7505

# Details

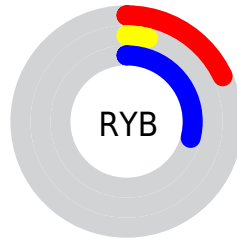
The Hex color **2E0A49** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25490A**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5F387A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **2B0349**, and if you desaturate by 10%, it is **311149**.

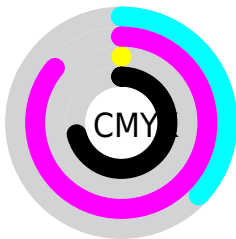
# Distribution



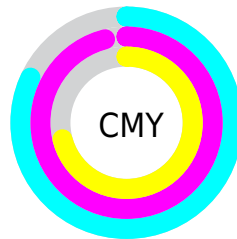
- Red (18%)
- Green (4%)
- Blue (29%)



- Red (18%)
- Yellow (4%)
- Blue (29%)



- Cyan (37%)
- Magenta (86%)
- Yellow (0%)
- Black (71%)



- Cyan (82%)
- Magenta (96%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E0A49 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 2E0A49 by changing the saturation by 10% instead.



 2E0A49

 2E0A49

 FFF0FF

 1B0032

 5F387A

 00021C

 795094

 000000

 9369AF

 AF82CB

 CB9DE7

 E7B8FF

 FFD4FF

 2E0A49

 2E0A49

■ 2B0349

■ 311149

■ 2A0049

■ 341949

■ 372049

■ 3B2749

■ 3E2E49

■ 413649

■ 443D49

■ 474449

■ 4A4C49

# Harmonies

## Analogous

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



001D59



2E0A49



48002E

# Triad

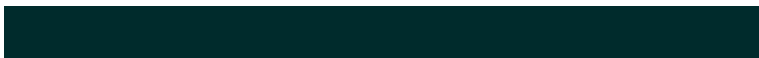
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0A49



331700



002B2C

# Complementary

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



2E0A49



25490A

# 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.



002A0A



2E0A49



192100

# Square

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



2E0A49



450000



002700



002948

# Rectangle

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



2E0A49



4E001B



002700



002A22



# Sweetspot

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



2E0A49



54465E



0A2549



2A2130



B0B0B0



303030



# Same Dimension

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



2E0A49



36005E



490A45



222024



390063



8200E3



# Inverse Universe

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



490A25



5E0028



0A490E



242022



63002B

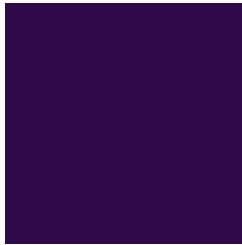


E30061



# Previews

## White Background



This preview shows how the Hex color 2E0A49 looks on a white background.

## Color Contrast Check

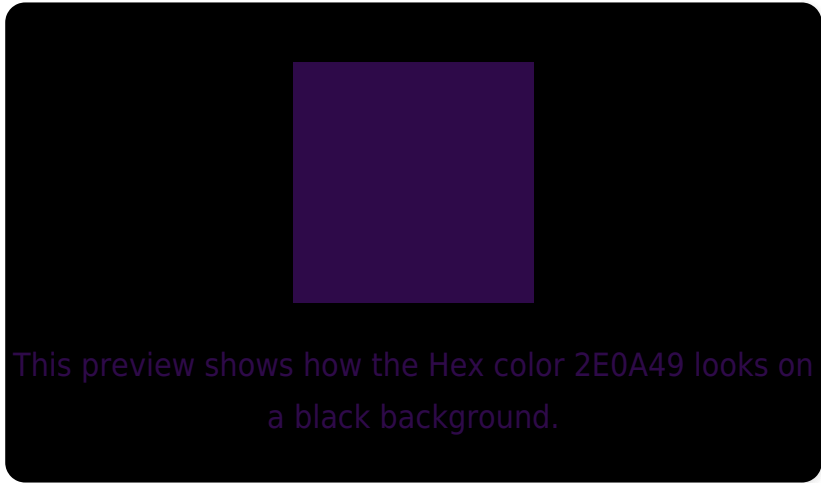
Large Text (above 18pt) WCAG AA ✓ Pass

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

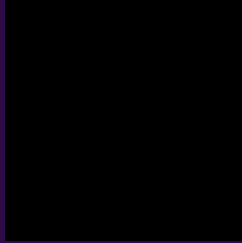
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E0A49 Background



This preview shows how black text looks on a background with the Hex color 2E0A49.



This preview shows how white text looks on a background with the Hex color 2E0A49.

# 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**  
2E0A49

**Protanopia**  
001F41

**Deuteranopia**  
002138



**Tritanopia**  
261E20

# Trichromacy



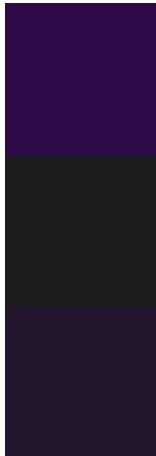
**Original Color**  
2E0A49

**Protanomaly**  
111744

**Deuteranomaly**  
11193E

**Tritanomaly**  
29172F

# Monochromacy



**Original Color**  
2E0A49

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
23152C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E0A49 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 #2E0A49 looks like.

```
.text, #text, p{  
    color:#2E0A49  
}
```

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 #2E0A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0A49
}
```

## Border

The CSS property to change the border of an element to Hex 2E0A49 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
#2E0A49 }
```

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

```
.border{ border-color:#2E0A49 }
```

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

Here you see how a box with a 4 pixel #2E0A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0A49; -webkit-box-shadow:4px 4px  
4px 4px #2E0A49; box-shadow:4px 4px 4px  
4px #2E0A49 }
```

# Background

The CSS property to change the background color of an element to Hex 2E0A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0A49 }
```

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

```
.background{ background-color:#2E0A49 }
```

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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