

# Converting Colors

Hex(2E0934)

Have a look what the booklet for  
Hex(2E0934) contains.

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**Color**

**Hex(2E0934)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E0934
RGB	46, 9, 52
RGB Percent	18%, 4%, 20%
CMY	0.8196, 0.9647, 0.7961
CMYK	0.12, 0.83, 0.00, 0.80
HSL	292°, 70%, 12%
HSV	292°, 83%, 20%
XYZ	1.8442, 1.0241, 3.3493
YIQ	24.9650, 8.2490, 21.2170

# Conversions

## Conversions Part 2

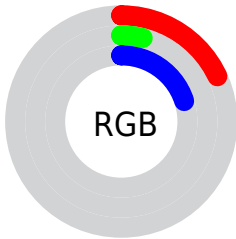
Format	Color
RYP	46, 9, 52
Decimal	3017012
CIELab	9.19, 25.78, -19.23
CIElCh	9, 32.160, 323.272
Yxy	1.0241, 0.2966, 0.1647
Android (android.graphics.Color)	4281207092 (0xFF2E0934)
YUV	24.9650, 13.3283, 18.4477
Hunter-Lab	10.1200, 14.8191, -12.5384

# Details

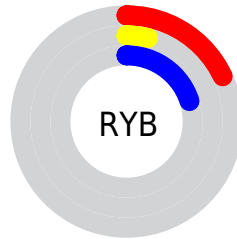
The Hex color **2E0934** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F3409**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5E3663**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **2D0434**, and if you desaturate by 10%, it is **2F0E34**.

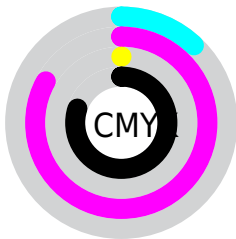
# Distribution



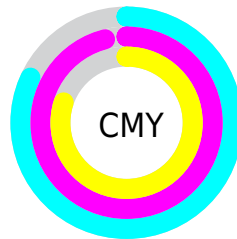
- Red (18%)
- Green (4%)
- Blue (20%)



- Red (18%)
- Yellow (4%)
- Blue (20%)



- Cyan (12%)
- Magenta (83%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (96%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E0934 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 2E0934 by changing the saturation by 10% instead.



 2E0934

 2E0934

 FFEDFF

 1B001F

 5E3663

 000001

 774E7C

 000000

 916696

 AC7FB1

 C89ACC

 E4B5E8

 FFD0FF

 2E0934

 2E0934

■ 2D0434

■ 2F0E34

■ 2D0034

■ 2F1334

■ 301934

■ 311E34

■ 322334

■ 322834

■ 332D34

■ 343334

■ 353834

# Harmonies

## Analogous

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



061642



2E0934



3C0020

# Triad

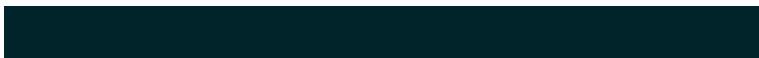
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E0934



261700



00242A

# Complementary

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



2E0934



0F3409

# 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.



002414



2E0934



111E00

# Square

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



2E0934



350C00



002200



00223C

# Rectangle

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



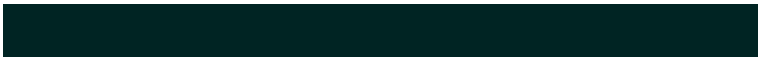
2E0934



3E0010



002200



002423



# Sweetspot

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



2E0934



423445



090F34



221924



A3A3A3



242424



# Same Dimension

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



2E0934



3B0145



340925



19171A



4D0059



BB00D9



# Inverse Universe

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



34090F



45010A



093418



1A1717



59000C

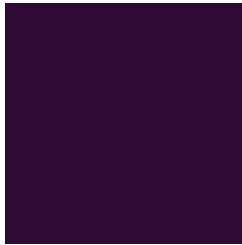


D9001E



# Previews

## White Background



This preview shows how the Hex color 2E0934 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

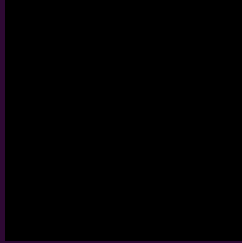
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E0934 Background



This preview shows how black text looks on a background with the Hex color 2E0934.



This preview shows how white text looks on a background with the Hex color 2E0934.

# 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**  
2E0934

**Protanopia**  
001B39

**Deuteranopia**  
0A1C31



**Tritanopia**  
2A1617

# Trichromacy



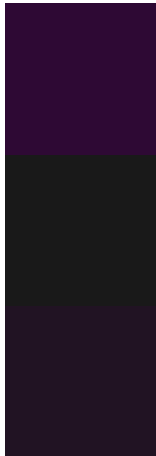
**Original Color**  
2E0934

**Protanomaly**  
111437

**Deuteranomaly**  
171532

**Tritanomaly**  
2B1122

# Monochromacy



**Original Color**  
2E0934

**Achromatopsia**  
191919

**Achromatomaly**  
211323

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E0934 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 #2E0934 looks like.

```
.text, #text, p{  
    color:#2E0934  
}
```

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 #2E0934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0934
}
```

## Border

The CSS property to change the border of an element to Hex 2E0934 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
#2E0934 }
```

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

```
.border{ border-color:#2E0934 }
```

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

Here you see how a box with a 4 pixel #2E0934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0934; -webkit-box-shadow:4px 4px  
4px 4px #2E0934; box-shadow:4px 4px 4px  
4px #2E0934 }
```

# Background

The CSS property to change the background color of an element to Hex 2E0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0934 }
```

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

```
.background{ background-color:#2E0934 }
```

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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