

# Converting Colors

Hex(2E1339)

Have a look what the booklet for  
Hex(2E1339) contains.

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# Color

**Hex(2E1339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E1339
RGB	46, 19, 57
RGB Percent	18%, 7%, 22%
CMY	0.8196, 0.9255, 0.7765
CMYK	0.19, 0.67, 0.00, 0.78
HSL	283°, 50%, 15%
HSV	283°, 67%, 22%
XYZ	2.0981, 1.3420, 4.0193
YIQ	31.4050, 3.8940, 17.5420

# Conversions

## Conversions Part 2

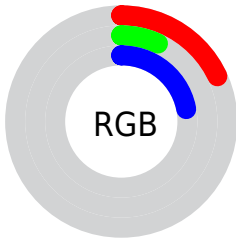
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 19, 57
Decimal	3019577
CIE <sub>Lab</sub>	11.57, 21.44, -19.07
CIE <sub>LCh</sub>	12, 28.691, 318.356
Yxy	1.3420, 0.2813, 0.1799
Android (android.graphics.Color)	4281209657 (0xFF2E1339)
YUV	31.4050, 12.6183, 12.7998
Hunter-Lab	11.5844, 12.0561, -12.4622

# Details

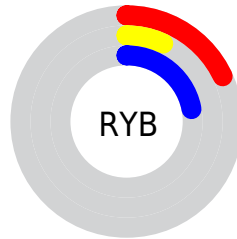
The Hex color **2E1339** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1E3913**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5D3F68**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **2C0D39**, and if you desaturate by 10%, it is **301939**.

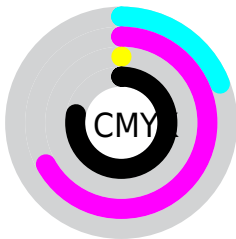
# Distribution



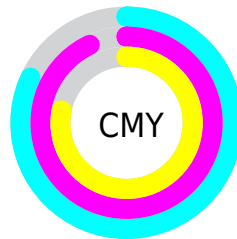
- Red (18%)
- Green (7%)
- Blue (22%)



- Red (18%)
- Yellow (7%)
- Blue (22%)



- Cyan (19%)
- Magenta (67%)
- Yellow (0%)
- Black (78%)



- Cyan (82%)
- Magenta (93%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E1339 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 2E1339 by changing the saturation by 10% instead.



 2E1339

 2E1339

 FFF7FF

 1C0024

 5D3F68

 00000B

 765782

 000000

 906F9C

 AB89B7

 C7A3D2

 E3BEEF

 FFDAFF

 2E1339

 2E1339

■ 2C0D39

■ 301939

■ 2B0839

■ 311E39

■ 290239

■ 332439

■ 280039

■ 352A39

■ 363039

■ 383539

■ 3A3B39

■ 3B4139

■ 3D4639

# Harmonies

## Analogous

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



081D44



2E1339



3D0927

# Triad

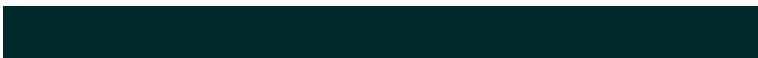
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E1339



2E1B00



00282A

# Complementary

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



2E1339



1E3913

# 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.



002716



2E1339



1D2100

# Square

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



2E1339



3B1200



052500



00263C

# Rectangle

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



2E1339



41071A



052500



002824



# Sweetspot

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



2E1339



463B4A



131E39



241D26



A6A6A6



262626



# Same Dimension

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



2E1339



390F4A



391331



1B191C



41005C



9C00DB



# Inverse Universe

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



39131E



4A0F20



13391B



1C191A



5C001B



DB003F



# Previews

## White Background



This preview shows how the Hex color 2E1339 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

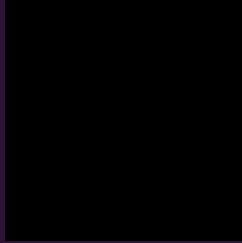
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E1339 Background



This preview shows how black text looks on a background with the Hex color 2E1339.



This preview shows how white text looks on a background with the Hex color 2E1339.

# 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**  
2E1339

**Protanopia**  
001E41

**Deuteranopia**  
0E2037



# Trichromacy



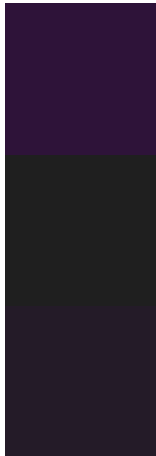
**Original Color**  
2E1339

**Protanomaly**  
111A3E

**Deuteranomaly**  
1A1B38

**Tritanomaly**  
2B1928

# Monochromacy



**Original Color**  
2E1339

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
241B28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E1339 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 #2E1339 looks like.

```
.text, #text, p{  
    color:#2E1339  
}
```

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 #2E1339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1339
}
```

## Border

The CSS property to change the border of an element to Hex 2E1339 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
#2E1339 }
```

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

```
.border{ border-color:#2E1339 }
```

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

Here you see how a box with a 4 pixel #2E1339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1339; -webkit-box-shadow:4px 4px  
4px 4px #2E1339; box-shadow:4px 4px 4px  
4px #2E1339 }
```

# Background

The CSS property to change the background color of an element to Hex 2E1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1339 }
```

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

```
.background{ background-color:#2E1339 }
```

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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