

# Converting Colors

Hex(261C39)

Have a look what the booklet for  
Hex(261C39) contains.

<b>Hex(261C39)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(261C39)

# Conversions

## Conversions Part 1

Format	Color
Hex	261C39
RGB	38, 28, 57
RGB Percent	15%, 11%, 22%
CMY	0.8510, 0.8902, 0.7765
CMYK	0.33, 0.51, 0.00, 0.78
HSL	261°, 34%, 17%
HSV	261°, 51%, 22%
XYZ	1.9531, 1.5380, 4.0648
YIQ	34.2960, -3.3490, 11.1390

# Conversions

## Conversions Part 2

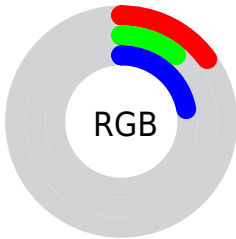
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 28, 57
Decimal	2497593
CIELab	12.85, 12.61, -17.11
CIElCh	13, 21.251, 306.393
Yxy	1.5380, 0.2585, 0.2035
Android (android.graphics.Color)	4280687673 (0xFF261C39)
YUV	34.2960, 11.1931, 3.2484
Hunter-Lab	12.4016, 6.4090, -10.7522

# Details

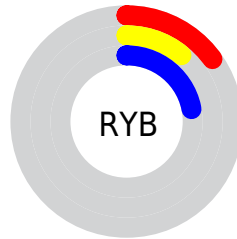
The Hex color **261C39** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2F391C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **544868**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **221639**, and if you desaturate by 10%, it is **2A2239**.

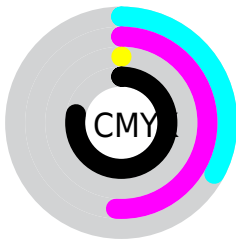
# Distribution



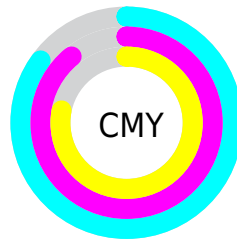
- Red (15%)
- Green (11%)
- Blue (22%)



- Red (15%)
- Yellow (11%)
- Blue (22%)



- Cyan (33%)
- Magenta (51%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (89%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 261C39 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 261C39 by changing the saturation by 10% instead.



■ 261C39

■ 261C39

FFFFFF

■ 130224

■ 544868

■ 00000C

■ 6C5F81

■ 000000

■ 86789C

■ A092B6

■ BBACD2

■ D7C8EE

■ F4E4FF

■ 261C39

■ 261C39

■ 221639

■ 2A2239

■ 1F1139

■ 2D2739

■ 1B0B39

■ 312D39

■ 170539

■ 353339

■ 140039

■ 393939

■ 3C3E39

■ 404439

■ 444A39

■ 484F39

# Harmonies

## Analogous

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



08223E



261C39



35162D

# Triad

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



261C39



331C00



002824

# Complementary

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



261C39



2F391C

# 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.



002715



261C39



272100

# Square

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



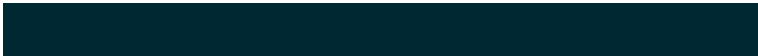
261C39



3A1610



182504



002832

# Rectangle

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



261C39



3B1424



182504



00281F



# Sweetspot

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



261C39



433F4A



1C2F39



221F26



A6A6A6



262626



# Same Dimension

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



261C39



2C1D4A



341C39



1A191C



20005C



4C00DB



# Inverse Universe

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



391C2F



4A1D3A



21391C



1C191B



5C003C



DB0090



# Previews

## White Background



This preview shows how the Hex color 261C39 looks on a white background.

## Color Contrast Check

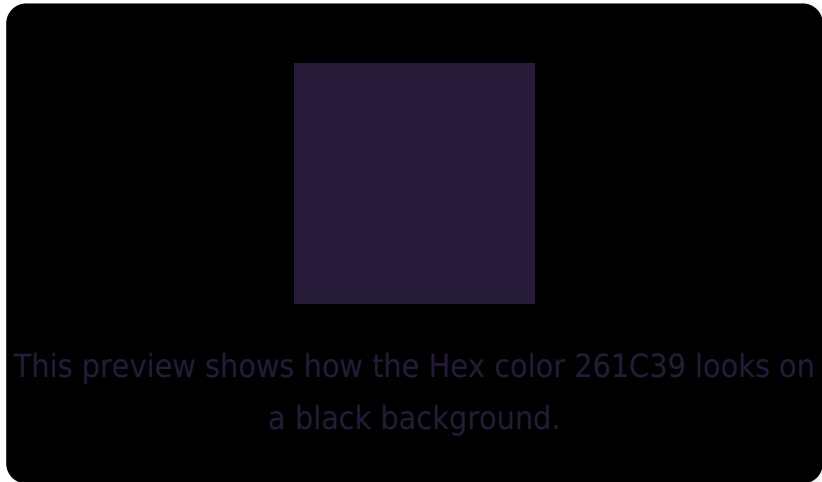
Large Text (above 18pt) WCAG AA ✓ Pass

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

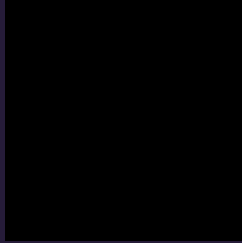
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 261C39 Background



This preview shows how black text looks on a background with the Hex color 261C39.



This preview shows how white text looks on a background with the Hex color 261C39.

# 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**  
261C39

**Protanopia**  
13213D

**Deuteranopia**  
132238



**Tritanopia**  
222124

# Trichromacy



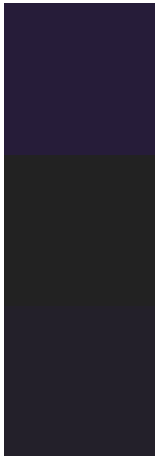
**Original Color**  
261C39

**Protanomaly**  
1A1F3C

**Deuteranomaly**  
1A2038

**Tritanomaly**  
231F2C

# Monochromacy



**Original Color**  
261C39

**Achromatopsia**  
222222

**Achromatomaly**  
23202A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 261C39 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 #261C39 looks like.

```
.text, #text, p{  
    color:#261C39  
}
```

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 #261C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #261C39  
}
```

## Border

The CSS property to change the border of an element to Hex 261C39 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  
#261C39 }
```

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

```
.border{ border-color:#261C39 }
```

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

Here you see how a box with a 4 pixel #261C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #261C39; -webkit-box-shadow:4px 4px  
4px 4px #261C39; box-shadow:4px 4px 4px  
4px #261C39 }
```

# Background

The CSS property to change the background color of an element to Hex 261C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#261C39 }
```

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

```
.background{ background-color:#261C39 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor