

# Converting Colors

Hex(261B5E)

Have a look what the booklet for  
Hex(261B5E) contains.

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# Color

**Hex(261B5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	261B5E
RGB	38, 27, 94
RGB Percent	15%, 11%, 37%
CMY	0.8510, 0.8941, 0.6314
CMYK	0.60, 0.71, 0.00, 0.63
HSL	250°, 55%, 24%
HSV	250°, 71%, 37%
XYZ	3.2116, 2.0041, 10.8072
YIQ	37.9270, -14.9510, 23.1690

# Conversions

## Conversions Part 2

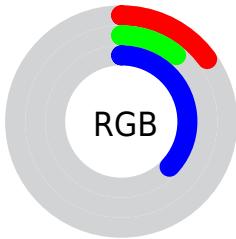
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 27, 94
Decimal	2497374
CIE Lab	15.51, 25.83, -38.28
CIE LCh	16, 46.178, 304.017
Yxy	2.0041, 0.2004, 0.1251
Android (android.graphics.Color)	4280687454 (0xFF261B5E)
YUV	37.9270, 27.6440, 0.0640
Hunter-Lab	14.1566, 15.7215, -35.3528

# Details

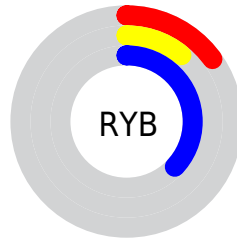
The Hex color **261B5E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **535E1B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5A4791**, and **00002F** is the 20% darker color. If you saturate the color by 10%, you get **1E125E**, and if you desaturate by 10%, it is **2E245E**.

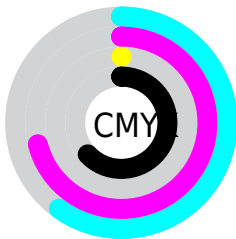
# Distribution



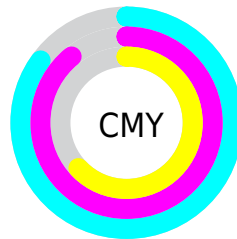
- Red (15%)
- Green (11%)
- Blue (37%)



- Red (15%)
- Yellow (11%)
- Blue (37%)



- Cyan (60%)
- Magenta (71%)
- Yellow (0%)
- Black (63%)



- Cyan (85%)
- Magenta (89%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 261B5E 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 261B5E by changing the saturation by 10% instead.



■ 261B5E

■ 261B5E

FFFFFF

■ 090546

■ 5A4791

■ 00002F

■ 745FAC

■ 000119

■ 8E78C8

■ 000000

■ AA92E4

■ C6ADFF

■ E2C8FF

■ FFE4FF

■ 261B5E

■ 261B5E

■ 1E125E

■ 2E245E

■ 16085E

■ 362E5E

■ 0F005E

■ 3E375E

■ 45415E

■ 4D4A5E

■ 55535E

■ 5D5D5E

■ 65665E

■ 6D705E

# Harmonies

## Analogous

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



002A69



261B5E



4F0044

# Triad

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



261B5E



471900



00342A

# Complementary

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



261B5E



535E1B

# 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.



003204



261B5E



2D2700

# Square

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



261B5E



590000



062E00



00344B

# Rectangle

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



261B5E



5A002F



062E00



00331F



# Sweetspot

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



261B5E



65617A



1B545E



302E3D



BDBDBD



3D3D3D



# Same Dimension

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



261B5E



22117A



471B5E



2A292E



12006E



2700ED



# Inverse Universe

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



5E1B53



7A1169



325E1B



2E292D



6E005C

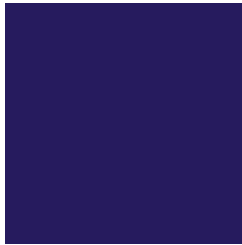


ED00C6



# Previews

## White Background



This preview shows how the Hex color 261B5E looks on a white background.

## Color Contrast Check

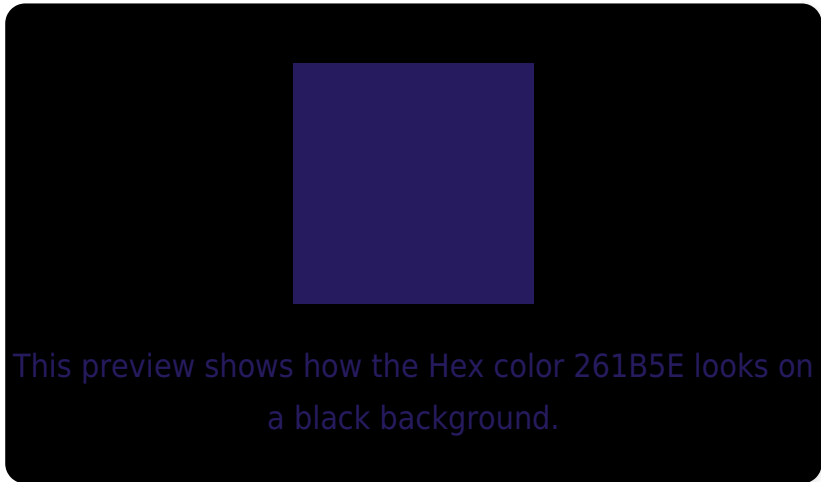
Large Text (above 18pt) WCAG AA ✓ Pass

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

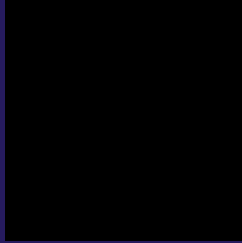
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 261B5E Background



This preview shows how black text looks on a background with the Hex color 261B5E.



This preview shows how white text looks on a background with the Hex color 261B5E.

# 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**  
261B5E

**Protanopia**  
002650

**Deuteranopia**  
002945



**Tritanopia**  
102B2F

# Trichromacy



**Original Color**  
261B5E

**Protanomaly**  
0E2255

**Deuteranomaly**  
0E244E

**Tritanomaly**  
182540

# Monochromacy



**Original Color**  
261B5E

**Achromatopsia**  
262626

**Achromatomaly**  
26223A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 261B5E 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 #261B5E looks like.

```
.text, #text, p{  
    color:#261B5E  
}
```

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 #261B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #261B5E
}
```

## Border

The CSS property to change the border of an element to Hex 261B5E 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".

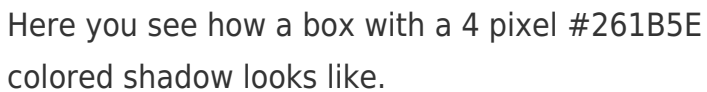
```
.border, #border, table{ border:4px solid
#261B5E }
```

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

```
.border{ border-color:#261B5E }
```

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

Here you see how a box with a 4 pixel #261B5E colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #261B5E; -webkit-box-shadow:4px 4px  
4px 4px #261B5E; box-shadow:4px 4px 4px  
4px #261B5E }
```

# Background

The CSS property to change the background color of an element to Hex 261B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#261B5E }
```

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

```
.background{ background-color:#261B5E }
```

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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