

# Converting Colors

Hex(261758)

Have a look what the booklet for  
Hex(261758) contains.

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# Color

**Hex(261758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	261758
RGB	38, 23, 88
RGB Percent	15%, 9%, 35%
CMY	0.8510, 0.9098, 0.6549
CMYK	0.57, 0.74, 0.00, 0.65
HSL	254°, 59%, 22%
HSV	254°, 74%, 35%
XYZ	2.8672, 1.7294, 9.4152
YIQ	34.8950, -11.9250, 23.3950

# Conversions

## Conversions Part 2

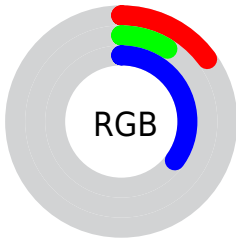
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 23, 88
Decimal	2496344
CIELab	14.00, 26.35, -36.72
CIElCh	14, 45.193, 305.658
Yxy	1.7294, 0.2046, 0.1234
Android (android.graphics.Color)	4280686424 (0xFF261758)
YUV	34.8950, 26.1808, 2.7231
Hunter-Lab	13.1508, 15.9031, -33.2426

# Details

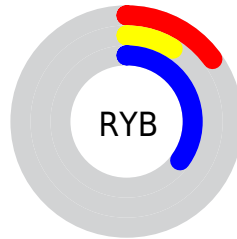
The Hex color **261758** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **495817**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **59438B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **1F0E58**, and if you desaturate by 10%, it is **2D2058**.

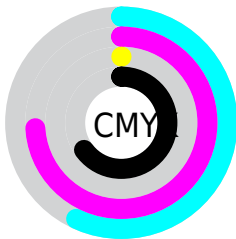
# Distribution



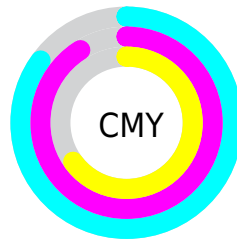
- Red (15%)
- Green (9%)
- Blue (35%)



- Red (15%)
- Yellow (9%)
- Blue (35%)



- Cyan (57%)
- Magenta (74%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (91%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 261758 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 261758 by changing the saturation by 10% instead.



 261758

 261758

 FFFCFF

 0C0040

 59438B

 000329

 735BA5

 000113

 8D74C1

 000000

 A98EDD

 C4A8F9

 E1C3FF

 FEDFFF

 261758

 261758

■ 1F0E58

■ 2D2058

■ 180558

■ 342958

■ 140058

■ 3A3158

■ 413A58

■ 484358

■ 4F4C58

■ 555558

■ 5C5D58

■ 636658

# Harmonies

## Analogous

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



002764



261758



4C003E

# Triad

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



261758



411700



003029

# Complementary

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



261758



495817

# 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.



002F03



261758



282500

# Square

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



261758



530000



012B00



003048

# Rectangle

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



261758



56002A



012B00



00301E



# Sweetspot

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



261758



5F5A73



174A58



2F2B3B



BABABA



3B3B3B



# Same Dimension

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



261758



240D73



461758



28272B



19006B



3600EB



# Inverse Universe

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



581749



730D5B



295817



2B272A



6B0052



EB00B4



# Previews

## White Background



This preview shows how the Hex color 261758 looks on a white background.

## Color Contrast Check

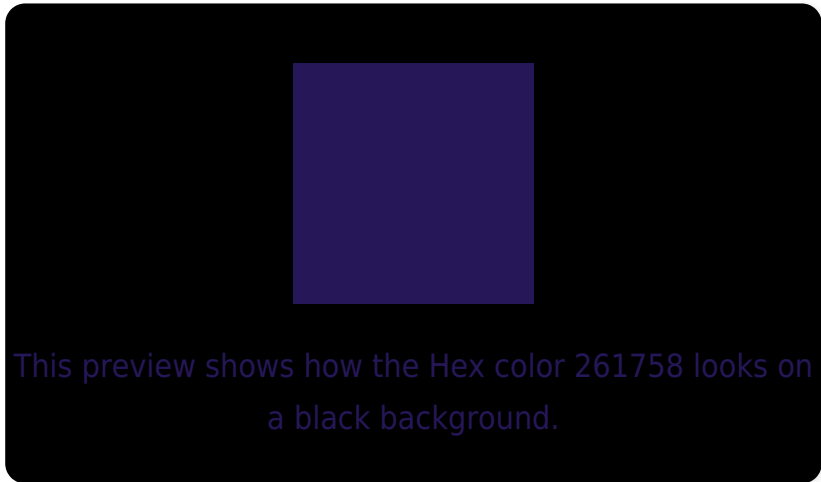
Large Text (above 18pt) WCAG AA ✓ Pass

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

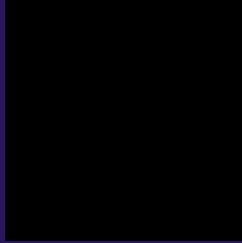
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 261758 Background



This preview shows how black text looks on a background with the Hex color 261758.



This preview shows how white text looks on a background with the Hex color 261758.

# 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**  
261758

**Protanopia**  
00234A

**Deuteranopia**  
002640



**Tritanopia**  
14272A

# Trichromacy



**Original Color**

261758

**Protanomaly**

0E1F4F

**Deuteranomaly**

0E2149

**Tritanomaly**

1B213B

# Monochromacy



**Original Color**

261758

**Achromatopsia**

232323

**Achromatomaly**

241F36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 261758 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 #261758 looks like.

```
.text, #text, p{  
    color:#261758  
}
```

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 #261758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #261758
}
```

## Border

The CSS property to change the border of an element to Hex 261758 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".

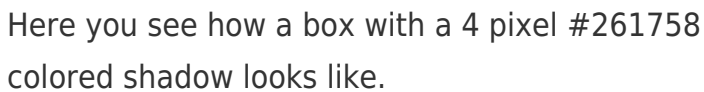
```
.border, #border, table{ border:4px solid
#261758 }
```

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

```
.border{ border-color:#261758 }
```

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

Here you see how a box with a 4 pixel #261758 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 #261758; -webkit-box-shadow:4px 4px  
4px 4px #261758; box-shadow:4px 4px 4px  
4px #261758 }
```

# Background

The CSS property to change the background color of an element to Hex 261758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#261758 }
```

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

```
.background{ background-color:#261758 }
```

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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