

# Converting Colors

Hex(261172)

Have a look what the booklet for  
Hex(261172) contains.

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# Color

**Hex(261172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	261172
RGB	38, 17, 114
RGB Percent	15%, 7%, 45%
CMY	0.8510, 0.9333, 0.5529
CMYK	0.67, 0.85, 0.00, 0.55
HSL	253°, 74%, 26%
HSV	253°, 85%, 45%
XYZ	4.0370, 2.0279, 16.0982
YIQ	34.3370, -18.6210, 34.6190

# Conversions

## Conversions Part 2

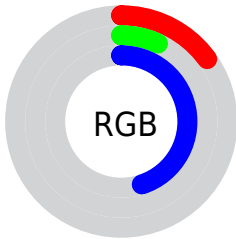
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 17, 114
Decimal	2494834
CIELab	15.63, 38.10, -51.22
CIELCh	16, 63.836, 306.649
Yxy	2.0279, 0.1822, 0.0915
Android (android.graphics.Color)	4280684914 (0xFF261172)
YUV	34.3370, 39.2739, 3.2125
Hunter-Lab	14.2403, 25.6830, -57.0572

# Details

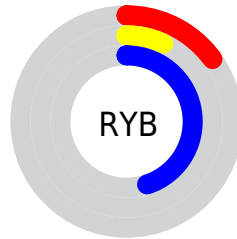
The Hex color **261172** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D7211**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5F40A7**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **1D0672**, and if you desaturate by 10%, it is **2F1C72**.

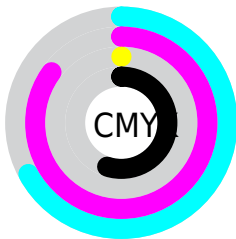
# Distribution



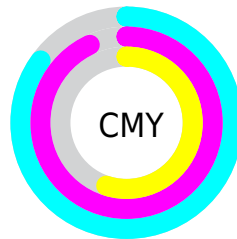
- Red (15%)
- Green (7%)
- Blue (45%)



- Red (15%)
- Yellow (7%)
- Blue (45%)



- Cyan (67%)
- Magenta (85%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (93%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 261172 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 261172 by changing the saturation by 10% instead.



■ 261172

■ 261172

■ FFFAFF

■ 000059

■ 5F40A7

■ 000041

■ 7A58C3

■ 00032A

■ 9671DF

■ 000114

■ B28BFC

■ 000000

■ CFA5FF

■ ECC1FF

■ FFDDFF

■ 261172

■ 261172

■ 1D0672

■ 2F1C72

■ 190072

■ 382872

■ 413372

■ 4A3F72

■ 534A72

■ 5C5572

■ 656172

■ 6D6C72

■ 767872

# Harmonies

## Analogous

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



002C85



261172



60004C

# Triad

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



261172



4C1400



003730

# Complementary

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



261172



5D7211

# 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.



003500



261172



282900

# Square

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



261172



650000



003100



00375D

# Rectangle

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



261172



6D002E



003100



003720



# Sweetspot

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



261172



766D94



115F72



38334A



C9C9C9



4A4A4A



# Same Dimension

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



261172



200094



551172



343238



1A0078



3600F7



# Inverse Universe

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



72115D



940074



2E7211



383237



78005E

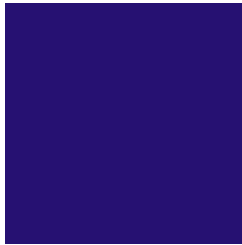


F700C2



# Previews

## White Background



This preview shows how the Hex color 261172 looks on a white background.

## Color Contrast Check

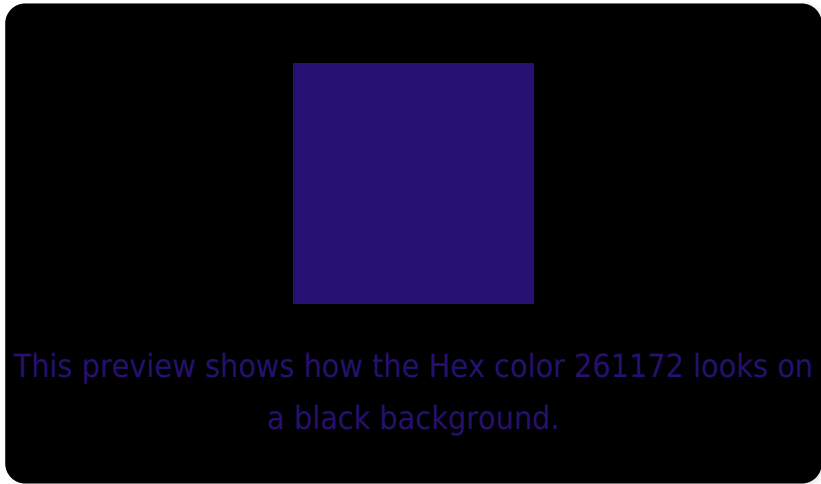
Large Text (above 18pt) WCAG AA ✓ Pass

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

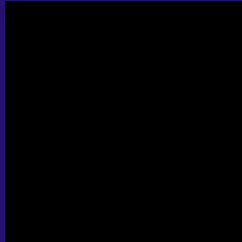
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 261172 Background



This preview shows how black text looks on a background with the Hex color 261172.



This preview shows how white text looks on a background with the Hex color 261172.

# 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**  
261172

**Protanopia**  
002752

**Deuteranopia**  
002A46



# Trichromacy



**Original Color**  
261172

**Protanomaly**  
0E1F5E

**Deuteranomaly**  
0E2156

**Tritanomaly**  
0E2348

# Monochromacy



**Original Color**  
261172

**Achromatopsia**  
222222

**Achromatomaly**  
231C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 261172 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 #261172 looks like.

```
.text, #text, p{  
    color:#261172  
}
```

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 #261172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #261172
}
```

## Border

The CSS property to change the border of an element to Hex 261172 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
#261172 }
```

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

```
.border{ border-color:#261172 }
```

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

Here you see how a box with a 4 pixel #261172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #261172; -webkit-box-shadow:4px 4px  
4px 4px #261172; box-shadow:4px 4px 4px  
4px #261172 }
```

# Background

The CSS property to change the background color of an element to Hex 261172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#261172 }
```

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

```
.background{ background-color:#261172 }
```

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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