

# Converting Colors

Hex(261372)

Have a look what the booklet for  
Hex(261372) contains.

<b>Hex(261372)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(261372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	261372
RGB	38, 19, 114
RGB Percent	15%, 7%, 45%
CMY	0.8510, 0.9255, 0.5529
CMYK	0.67, 0.83, 0.00, 0.55
HSL	252°, 71%, 26%
HSV	252°, 83%, 45%
XYZ	4.0695, 2.0927, 16.1090
YIQ	35.5110, -19.1710, 33.5730

# Conversions

## Conversions Part 2

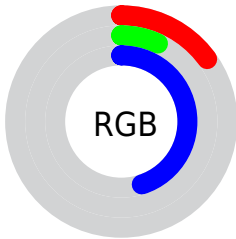
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 19, 114
Decimal	2495346
CIE <sub>Lab</sub>	15.97, 37.13, -50.66
CIE <sub>LCh</sub>	16, 62.815, 306.238
Yxy	2.0927, 0.1827, 0.0940
Android (android.graphics.Color)	4280685426 (0xFF261372)
YUV	35.5110, 38.6951, 2.1829
Hunter-Lab	14.4662, 24.8975, -55.8967




# Details

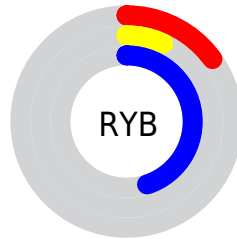
The Hex color **261372** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F7213**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **5F41A7**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **1D0872**, and if you desaturate by 10%, it is **2F1E72**.

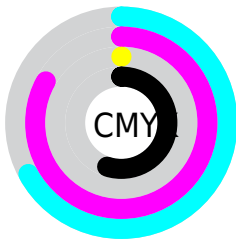
# Distribution







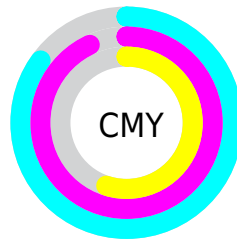
-  Red (15%)
-  Green (7%)
-  Blue (45%)






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



-  Cyan (67%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (55%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 261372 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 261372 by changing the saturation by 10% instead.



■ 261372

■ 261372

■ FFFBFF

■ 000059

■ 5F41A7

■ 000041

■ 7A59C3

■ 00032A

■ 9672DF

■ 000114

■ B28CFC

■ 000000

■ CEA7FF

■ ECC2FF

■ FFDFFF

■ 261372

■ 261372

■ 1D0872

■ 2F1E72

■ 170072

■ 382A72

■ 413572

■ 4A4172

■ 544C72

■ 5D5772

■ 666372

■ 6F6E72

■ 787A72

# Harmonies

## Analogous

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



002D84



261372



60004D

# Triad

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



261372



4D1500



003830

# Complementary

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



261372



5F7213

# 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.



003600



261372



2A2A00

# Square

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



261372



660000



003200



00385D

# Rectangle

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



261372



6D0030



003200



003721



# Sweetspot

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



261372



766F94



135F72



38344A



C9C9C9



4A4A4A



# Same Dimension

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



261372



1E0094



561372



343238



180078



3100F7



# Inverse Universe

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



72135F



940076



307213



383237



780060

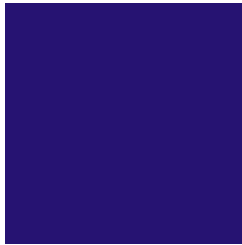


F700C6



# Previews

## White Background



This preview shows how the Hex color 261372 looks on a white background.

## Color Contrast Check

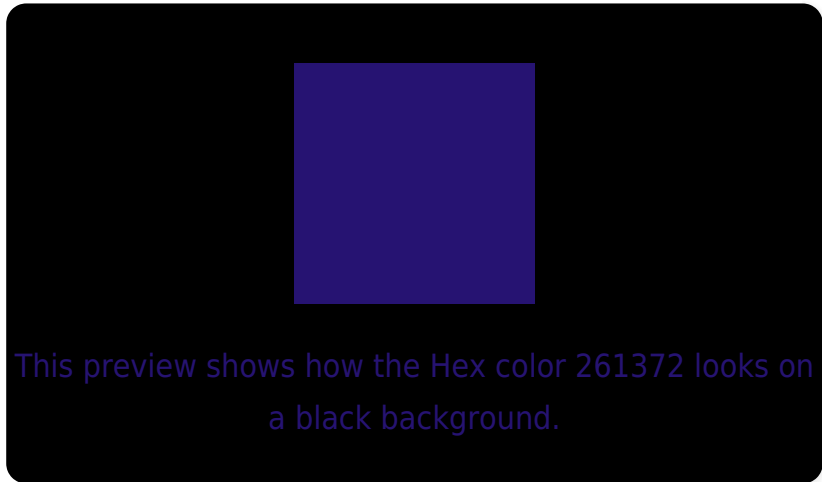
Large Text (above 18pt) WCAG AA ✓ Pass

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

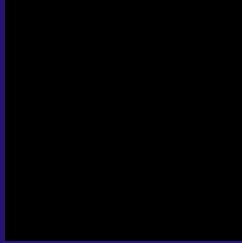
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 261372 Background



This preview shows how black text looks on a background with the Hex color 261372.



This preview shows how white text looks on a background with the Hex color 261372.

# 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**  
261372

**Protanopia**  
002853

**Deuteranopia**  
002A47



# Trichromacy



**Original Color**  
261372

**Protanomaly**  
0E205E

**Deuteranomaly**  
0E2257

**Tritanomaly**  
0E2449

# Monochromacy



**Original Color**  
261372

**Achromatopsia**  
242424

**Achromatomaly**  
251E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 261372 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 #261372 looks like.

```
.text, #text, p{  
    color:#261372  
}
```

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 #261372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #261372
}
```

## Border

The CSS property to change the border of an element to Hex 261372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

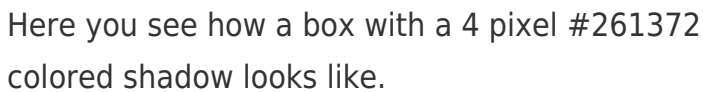
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#261372 }
```

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

```
.border{ border-color:#261372 }
```

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



Here you see how a box with a 4 pixel #261372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #261372; -webkit-box-shadow:4px 4px  
4px 4px #261372; box-shadow:4px 4px 4px  
4px #261372 }
```

# Background

The CSS property to change the background color of an element to Hex 261372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#261372 }
```

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

```
.background{ background-color:#261372 }
```

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