

Converting Colors

Hex(271482)

Have a look what the booklet for
Hex(271482) contains.

Hex(271482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(271482)

Conversions

Conversions Part 1

Format	Color
Hex	271482
RGB	39, 20, 130
RGB Percent	15%, 8%, 51%
CMY	0.8471, 0.9216, 0.4902
CMYK	0.70, 0.85, 0.00, 0.49
HSL	250°, 73%, 29%
HSV	250°, 85%, 51%
XYZ	5.1161, 2.5434, 21.3404
YIQ	38.2210, -23.9860, 38.2380

Conversions

Conversions Part 2

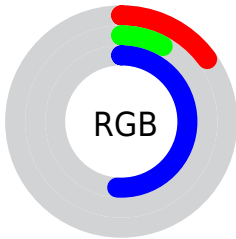
Format	Color
RYB	39, 20, 130
Decimal	2561154
CIELab	18.11, 41.75, -57.36
CIELCh	18, 70.941, 306.047
Yxy	2.5434, 0.1764, 0.0877
Android (android.graphics.Color)	4280751234 (0xFF271482)
YUV	38.2210, 45.2470, 0.6832
Hunter-Lab	15.9479, 29.3544, -68.1742

Details

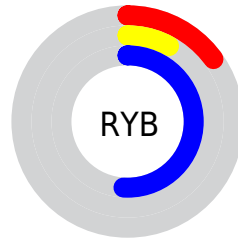
The Hex color **271482** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6F8214**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6343B8**, and **00004F** is the 20% darker color. If you saturate the color by 10%, you get **1C0782**, and if you desaturate by 10%, it is **322182**.

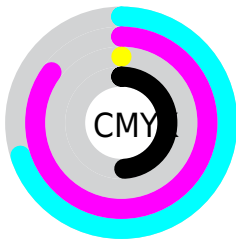
Distribution



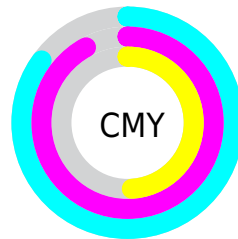
- Red (15%)
- Green (8%)
- Blue (51%)



- Red (15%)
- Yellow (8%)
- Blue (51%)



- Cyan (70%)
- Magenta (85%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (92%)
- Yellow (49%)
- Black (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271482 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 271482 by changing the saturation by 10% instead.

■ 271482

■ 271482

FFFFFF

■ 000068

■ 6343B8

■ 00004F

■ 7F5CD4

■ 000537

■ 9B75F1

■ 000221

■ B88FFF

■ 000006

■ D5AAFF

■ 000000

■ F3C6FF

■ FFE2FF

■ 271482

■ 271482

■ 1C0782

■ 322182

■ 160082

■ 3D2E82

■ 473B82

■ 524882

■ 5D5582

■ 686282

■ 726F82

■ 7D7C82

■ 888982

Harmonies

Analogous

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



003397



271482



6C0057

Triad

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



271482



571500



003E36

Complementary

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



271482



6F8214

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.



003C00



271482



2F2E00

Square

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



271482



730000



003800



003E69

Rectangle

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



271482



7B0036



003800



003D24

Sweetspot

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



271482



857EA8



147082



3F3B54



D4D4D4



545454

Same Dimension

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



271482



1D00A8



5D1482



3A3940



160080



000000

Inverse Universe

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



82146F



A8008B



398214



40393F



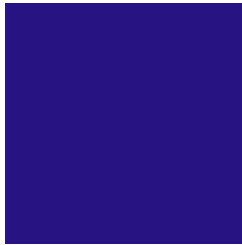
800069



000000

Previews

White Background



This preview shows how the Hex color 271482 looks on a white background.

Color Contrast Check

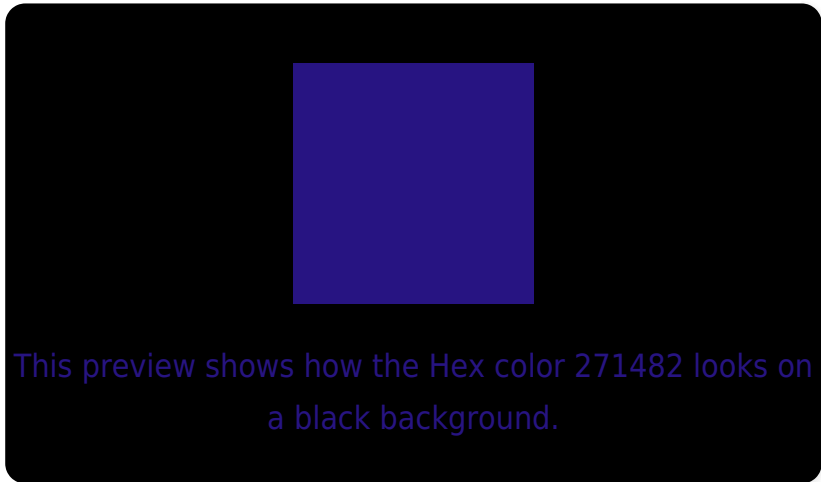
Large Text (above 18pt) WCAG AA ✓ Pass

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

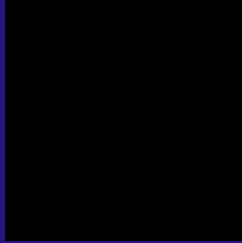
Any Text WCAG AA × Fail

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 271482 Background



This preview shows how black text looks on a background with the Hex color 271482.



This preview shows how white text looks on a background with the Hex color 271482.

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
271482

Protanopia
002C5C

Deuteranopia
002F4E



Tritanopia
003336

Trichromacy



Original Color
271482

Protanomaly
0E236A

Deuteranomaly
0E2561

Tritanomaly
0E2852

Monochromacy



Original Color
271482

Achromatopsia
262626

Achromatomaly
261F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 271482 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 #271482 looks like.

```
.text, #text, p{  
    color:#271482  
}
```

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 #271482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271482
}
```

Border

The CSS property to change the border of an element to Hex 271482 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".

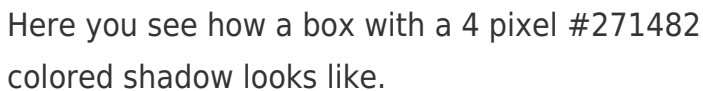
```
.border, #border, table{ border:4px solid
#271482 }
```

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

```
.border{ border-color:#271482 }
```

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

Here you see how a box with a 4 pixel #271482 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271482; -webkit-box-shadow:4px 4px  
4px 4px #271482; box-shadow:4px 4px 4px  
4px #271482 }
```

Background

The CSS property to change the background color of an element to Hex 271482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271482 }
```

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

```
.background{ background-color:#271482 }
```

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