

# Converting Colors

Hex(280976)

Have a look what the booklet for  
Hex(280976) contains.

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# Color

**Hex(280976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	280976
RGB	40, 9, 118
RGB Percent	16%, 4%, 46%
CMY	0.8431, 0.9647, 0.5373
CMYK	0.66, 0.92, 0.00, 0.54
HSL	257°, 86%, 25%
HSV	257°, 92%, 46%
XYZ	4.2428, 1.9545, 17.2932
YIQ	30.6950, -16.5130, 40.4710

# Conversions

## Conversions Part 2

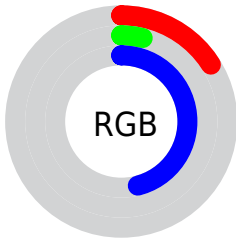
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 9, 118
Decimal	2623862
CIE <sub>Lab</sub>	15.25, 42.68, -54.44
CIE <sub>LCh</sub>	15, 69.175, 308.100
Yxy	1.9545, 0.1806, 0.0832
Android (android.graphics.Color)	4280813942 (0xFF280976)
YUV	30.6950, 43.0414, 8.1605
Hunter-Lab	13.9803, 29.7059, -63.5534

# Details

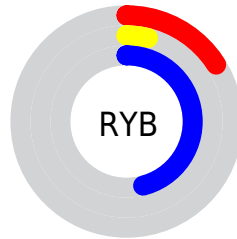
The Hex color **280976** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **577609**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **623BAB**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **220076**, and if you desaturate by 10%, it is **301576**.

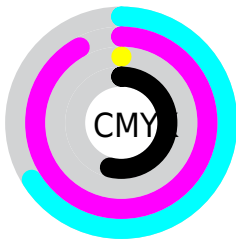
# Distribution



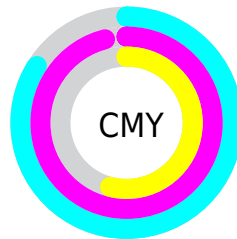
- Red (16%)
- Green (4%)
- Blue (46%)



- Red (16%)
- Yellow (4%)
- Blue (46%)



- Cyan (66%)
- Magenta (92%)
- Yellow (0%)
- Black (54%)



- Cyan (84%)
- Magenta (96%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 280976 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 280976 by changing the saturation by 10% instead.



 280976

 280976

 FFF5FF

 00005D

 623BAB

 000044

 7D53C7

 00032D

 996CE4

 000117

 B686FF

 000000

 D3A1FF

 F0BCFF

 FFD8FF

 280976

 280976

■ 220076

■ 301576

■ 392176

■ 412C76

■ 4A3876

■ 524476

■ 5B5076

■ 635C76

■ 6C6776

■ 747376

# Harmonies

## Analogous

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



002C8C



280976



65004C

# Triad

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



280976



4C1200



003733

# Complementary

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



280976



577609

# 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



280976



242900

# Square

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



280976



670000



003100



003863

# Rectangle

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



280976



71002C



003100



003622



# Sweetspot

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



280976



7A6E99



095776



3A324D



CCCCCC



4D4D4D



# Same Dimension

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



280976



2C0099



5E0976



36353B



23007A



4700FA



# Inverse Universe

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



760957



99006D



217609



3B3539



7A0058

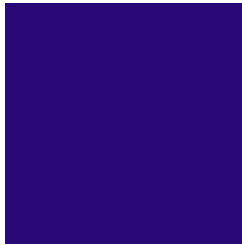


FA00B3



# Previews

## White Background



This preview shows how the Hex color 280976 looks on a white background.

## Color Contrast Check

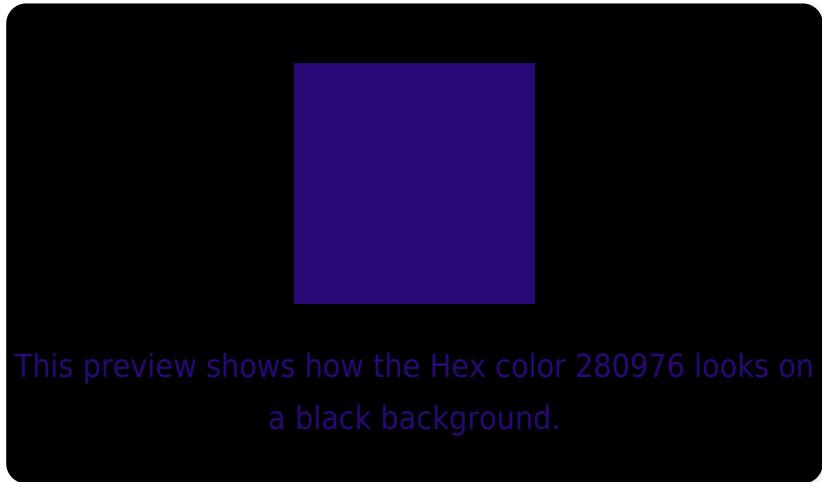
Large Text (above 18pt) WCAG AA ✓ Pass

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

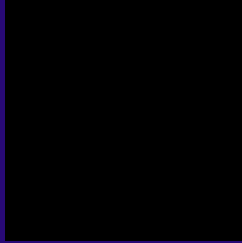
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 280976 Background



This preview shows how black text looks on a background with the Hex color 280976.



This preview shows how white text looks on a background with the Hex color 280976.

# 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**  
280976

**Protanopia**  
002752

**Deuteranopia**  
002A46



# Trichromacy



**Original Color**  
280976

**Protanomaly**  
0F1C5F

**Deuteranomaly**  
0F1E57

**Tritanomaly**  
0F2049

# Monochromacy



**Original Color**  
280976

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
22173F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 280976 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 #280976 looks like.

```
.text, #text, p{  
    color:#280976  
}
```

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 #280976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280976
}
```

## Border

The CSS property to change the border of an element to Hex 280976 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".

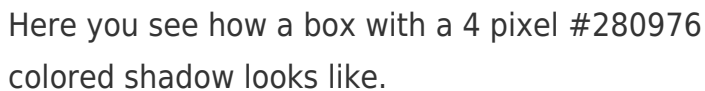
```
.border, #border, table{ border:4px solid
#280976 }
```

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

```
.border{ border-color:#280976 }
```

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

Here you see how a box with a 4 pixel #280976 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 #280976; -webkit-box-shadow:4px 4px  
4px 4px #280976; box-shadow:4px 4px 4px  
4px #280976 }
```

# Background

The CSS property to change the background color of an element to Hex 280976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280976 }
```

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

```
.background{ background-color:#280976 }
```

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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