

# Converting Colors

Hex(280263)

Have a look what the booklet for  
Hex(280263) contains.

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# Color

**Hex(280263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	280263
RGB	40, 2, 99
RGB Percent	16%, 1%, 39%
CMY	0.8431, 0.9922, 0.6118
CMYK	0.60, 0.98, 0.00, 0.61
HSL	264°, 96%, 20%
HSV	264°, 98%, 39%
XYZ	3.1489, 1.3954, 11.9078
YIQ	24.4200, -8.4890, 38.2230

# Conversions

## Conversions Part 2

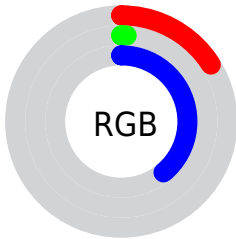
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 2, 99
Decimal	2622051
CIE <sub>Lab</sub>	11.93, 40.21, -47.49
CIE <sub>LCh</sub>	12, 62.231, 310.255
Yxy	1.3954, 0.1914, 0.0848
Android (android.graphics.Color)	4280812131 (0xFF280263)
YUV	24.4200, 36.7679, 13.6637
Hunter-Lab	11.8126, 26.9109, -51.4985

# Details

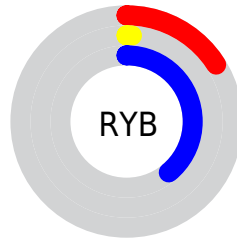
The Hex color **280263** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D6302**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5E3497**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **270063**, and if you desaturate by 10%, it is **2E0C63**.

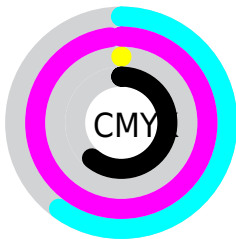
# Distribution



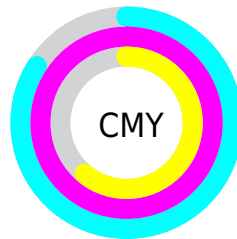
- Red (16%)
- Green (1%)
- Blue (39%)



- Red (16%)
- Yellow (1%)
- Blue (39%)



- Cyan (60%)
- Magenta (98%)
- Yellow (0%)
- Black (61%)



- Cyan (84%)
- Magenta (99%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 280263 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 280263 by changing the saturation by 10% instead.



 280263

 280263

 FFEDFF

 0D004B

 5E3497

 000033

 794CB2

 00021D

 9565CE

 000000

 B07FEA

 CD99FF

 EAB4FF

 FFD0FF

 280263

 280263

■ 270063

■ 2E0C63

■ 341663

■ 3A2063

■ 402A63

■ 463463

■ 4C3D63

■ 524763

■ 585163

■ 5E5B63

# Harmonies

## Analogous

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



002378



280263



58003D

# Triad

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



280263



3E1000



002E2E

# Complementary

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



280263



3D6302

# 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.



002D00



280263



1B2300

# Square

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



280263



570000



002A00



003058

# Rectangle

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



280263



620021



002A00



002E1F



# Sweetspot

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



280263



695B80



023E63



322940



BFBFBF



404040



# Same Dimension

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



280263



320080



580263



2E2C30



2C0070



5E00F0



# Inverse Universe

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



63023D



80004E



0D6302



302C2F



700044

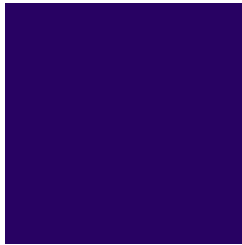


F00092



# Previews

## White Background



This preview shows how the Hex color 280263 looks on a white background.

## Color Contrast Check

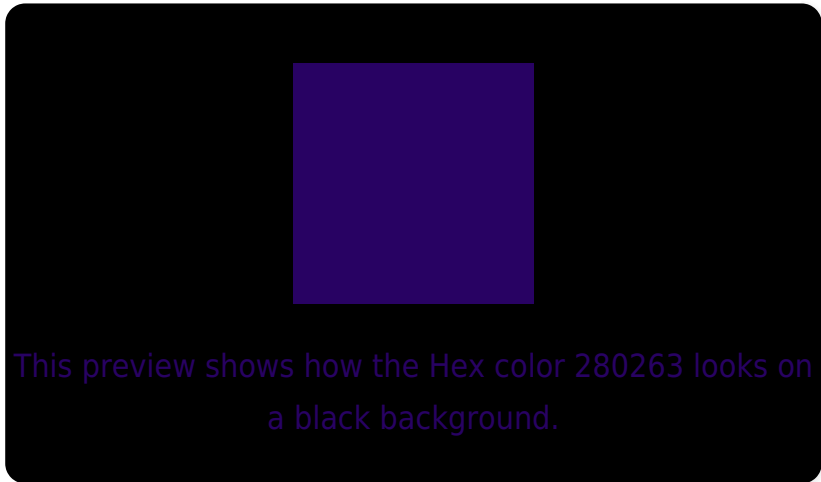
Large Text (above 18pt) WCAG AA ✓ Pass

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

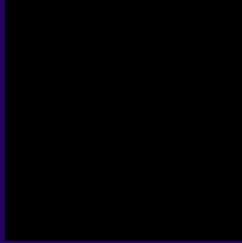
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 280263 Background



This preview shows how black text looks on a background with the Hex color 280263.



This preview shows how white text looks on a background with the Hex color 280263.

# 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**  
280263

**Protanopia**  
002247

**Deuteranopia**  
00243D



**Tritanopia**  
0D272A

# Trichromacy



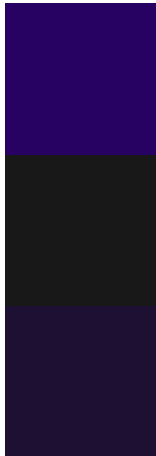
**Original Color**  
280263

**Protanomaly**  
0F1651

**Deuteranomaly**  
0F184B

**Tritanomaly**  
171A3F

# Monochromacy



**Original Color**  
280263

**Achromatopsia**  
181818

**Achromatomaly**  
1E1033

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 280263 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 #280263 looks like.

```
.text, #text, p{  
    color:#280263  
}
```

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 #280263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280263
}
```

## Border

The CSS property to change the border of an element to Hex 280263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

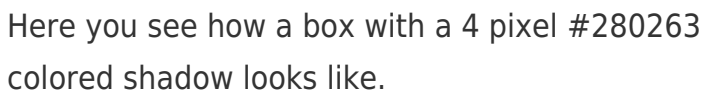
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280263 }
```

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

```
.border{ border-color:#280263 }
```

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



Here you see how a box with a 4 pixel #280263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280263; -webkit-box-shadow:4px 4px  
4px 4px #280263; box-shadow:4px 4px 4px  
4px #280263 }
```

# Background

The CSS property to change the background color of an element to Hex 280263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280263 }
```

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

```
.background{ background-color:#280263 }
```

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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