

Converting Colors

Hex(280048)

Have a look what the booklet for
Hex(280048) contains.

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Color

Hex(280048)

Conversions

Conversions Part 1

Format	Color
Hex	280048
RGB	40, 0, 72
RGB Percent	16%, 0%, 28%
CMY	0.8431, 1.0000, 0.7176
CMYK	0.44, 1.00, 0.00, 0.72
HSL	273°, 100%, 14%
HSV	273°, 100%, 28%
XYZ	2.0448, 0.9190, 6.2005
YIQ	20.1680, 0.7280, 30.8720

Conversions

Conversions Part 2

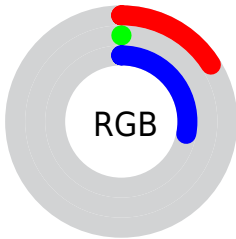
Format	Color
RYB	40, 0, 72
Decimal	2621512
CIELab	8.30, 34.33, -35.05
CIELCh	8, 49.064, 314.403
Yxy	0.9190, 0.2231, 0.1003
Android (android.graphics.Color)	4280811592 (0xFF280048)
YUV	20.1680, 25.5532, 17.3927
Hunter-Lab	9.5864, 21.2975, -31.6383

Details

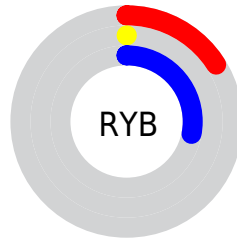
The Hex color **280048** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **204800**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5A2F79**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **280048**, and if you desaturate by 10%, it is **2B0748**.

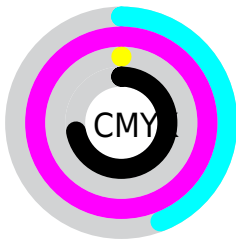
Distribution



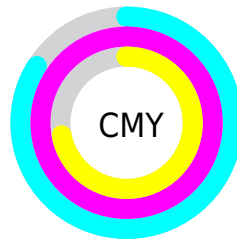
- Red (16%)
- Green (0%)
- Blue (28%)



- Red (16%)
- Yellow (0%)
- Blue (28%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280048 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 280048 by changing the saturation by 10% instead.

 280048

 280048

 FFE5FF

 140031

 5A2F79

 00011B

 744693

 000000

 8E5FAE

 AA78CA

 C593E6

 E2ADFF

 FFC9FF

 280048

■ 2B0748

■ 2E0E48

■ 321648

■ 351D48

■ 382448

■ 3B2B48

■ 3E3248

■ 423A48

■ 454148

Harmonies

Analogous

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



00195A



280048



46002B

Triad

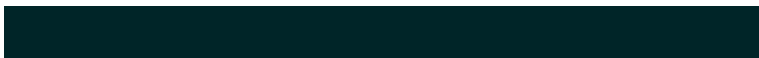
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280048



2D1000



002528

Complementary

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



280048



204800

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.



002400



280048



0E1C00

Square

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



280048



410000



002300



002646

Rectangle

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



280048



4C0015



002300



00241C

Sweetspot

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



280048



52425E



002048



291F30



B0B0B0



303030

Same Dimension

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



280048



34005E



480044



222024



370063



7E00E3

Inverse Universe

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



480020



5E002A



004804



242022



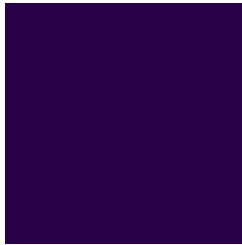
63002C



E30065

Previews

White Background



This preview shows how the Hex color 280048 looks on a white background.

Color Contrast Check

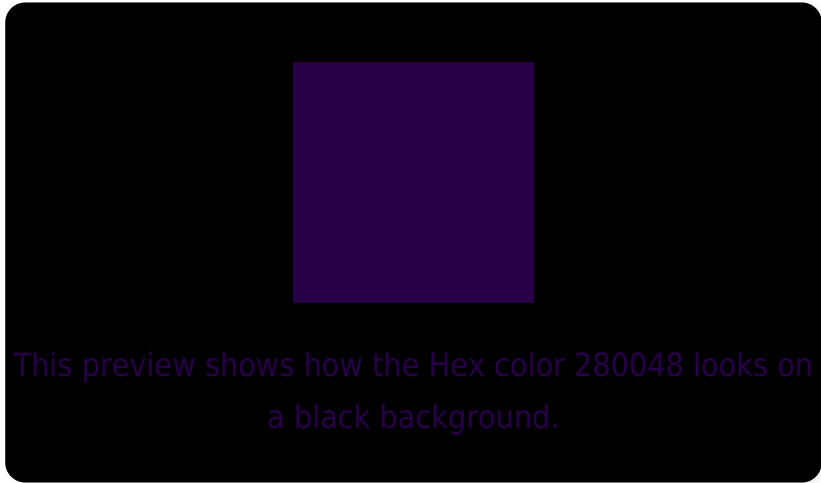
Large Text (above 18pt) WCAG AA ✓ Pass

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

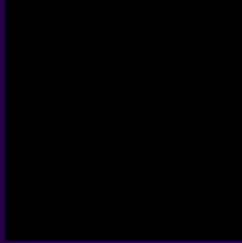
Any Text WCAG AA × Fail

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 280048 Background



This preview shows how black text looks on a background with the Hex color 280048.



This preview shows how white text looks on a background with the Hex color 280048.

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
280048

Protanopia
001C3A

Deuteranopia
001E32



Tritanopia
1E1C1E

Trichromacy



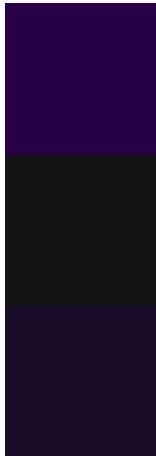
Original Color
280048

Protanomaly
0F123F

Deuteranomaly
0F133A

Tritanomaly
22122D

Monochromacy



Original Color
280048

Achromatopsia
141414

Achromatomaly
1B0D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 280048 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 #280048 looks like.

```
.text, #text, p{  
    color:#280048  
}
```

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 #280048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280048  
}
```

Border

The CSS property to change the border of an element to Hex 280048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

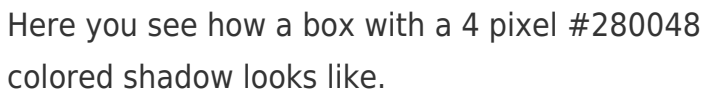
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#280048 }
```

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

```
.border{ border-color:#280048 }
```

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



Here you see how a box with a 4 pixel #280048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280048; -webkit-box-shadow:4px 4px  
4px 4px #280048; box-shadow:4px 4px 4px  
4px #280048 }
```

Background

The CSS property to change the background color of an element to Hex 280048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280048 }
```

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

```
.background{ background-color:#280048 }
```

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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