

Converting Colors

Hex(000280)

Have a look what the booklet for
Hex(000280) contains.

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Color

Hex(000280)

Conversions

Conversions Part 1

Format	Color
Hex	000280
RGB	0, 2, 128
RGB Percent	0%, 1%, 50%
CMY	1.0000, 0.9922, 0.4980
CMYK	1.00, 0.98, 0.00, 0.50
HSL	239°, 100%, 25%
HSV	239°, 100%, 50%
XYZ	3.9180, 1.6019, 20.5248
YIQ	15.7660, -41.6380, 38.7620

Conversions

Conversions Part 2

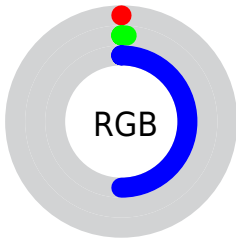
Format	Color
RYB	0, 2, 128
Decimal	640
CIELab	13.24, 46.68, -64.26
CIELCh	13, 79.423, 305.995
Yxy	1.6019, 0.1504, 0.0615
Android (android.graphics.Color)	4278190720 (0xFF000280)
YUV	15.7660, 55.3314, -13.8268
Hunter-Lab	12.6567, 33.1068, -87.2878

Details

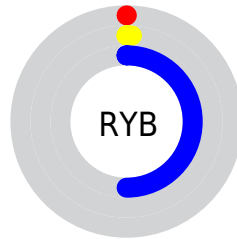
The Hex color **000280** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **807E00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **5234B6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **000280**, and if you desaturate by 10%, it is **0D0F80**.

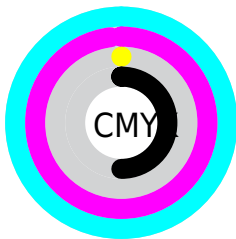
Distribution



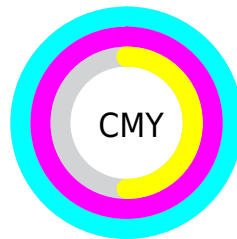
- Red (0%)
- Green (1%)
- Blue (50%)



- Red (0%)
- Yellow (1%)
- Blue (50%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (99%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000280 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 000280 by changing the saturation by 10% instead.

 000280

 000280

 FFEDFF

 000066

 5234B6

 00004D

 704CD2

 000535

 8D65EF

 00021F

 AA7FFF

 000002

 C79AFF

 000000

 E5B5FF

 FFD1FF

 000280

■ 0D0F80

■ 1A1B80

■ 262880

■ 333480

■ 404180

■ 4D4E80

■ 5A5A80

■ 666780

■ 737380

Harmonies

Analogous

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



002B97



000280



650051

Triad

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



000280



4C0300



00312D

Complementary

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



000280



807E00

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.



003000



000280



222400

Square

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



000280



6A0000



002E00



003564

Rectangle

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



000280



75002C



002E00



003119

Sweetspot

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



000280



7475A6



00807E



363654



D4D4D4



545454

Same Dimension

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



000280



0003A6



3E0080



393940



000000

Inverse Universe

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



800002



A60003



428000



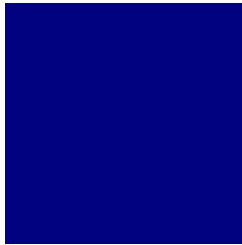
403939



000000

Previews

White Background



This preview shows how the Hex color 000280 looks on a white background.

Color Contrast Check

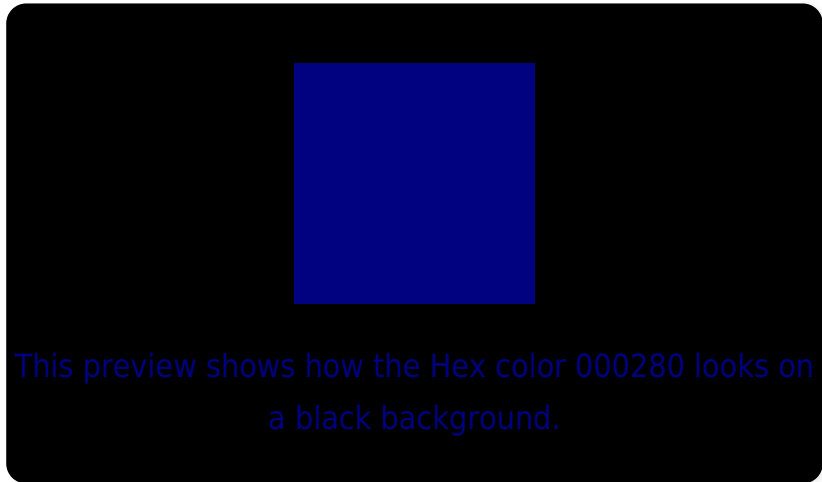
Large Text (above 18pt) WCAG AA ✓ Pass

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

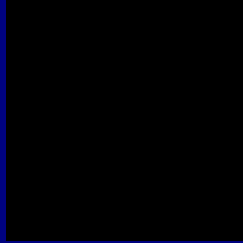
Any Text WCAG AA × Fail

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 000280 Background



This preview shows how black text looks on a background with the Hex color 000280.



This preview shows how white text looks on a background with the Hex color 000280.

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
000280

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2D

Trichromacy



Original Color
000280

Protanomaly
001860

Deuteranomaly
001A59

Tritanomaly
001C4B

Monochromacy



Original Color
000280

Achromatopsia
101010

Achromatomaly
0A0B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 000280 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 #000280 looks like.

```
.text, #text, p{  
    color:#000280  
}
```

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 #000280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000280
}
```

Border

The CSS property to change the border of an element to Hex 000280 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
#000280 }
```

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

```
.border{ border-color:#000280 }
```

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

Here you see how a box with a 4 pixel #000280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000280; -webkit-box-shadow:4px 4px  
4px 4px #000280; box-shadow:4px 4px 4px  
4px #000280 }
```

Background

The CSS property to change the background color of an element to Hex 000280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000280 }
```

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

```
.background{ background-color:#000280 }
```

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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