

# Converting Colors

Hex(280011)

Have a look what the booklet for  
Hex(280011) contains.

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**Color**

**Hex(280011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	280011
RGB	40, 0, 17
RGB Percent	16%, 0%, 7%
CMY	0.8431, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.58, 0.84
HSL	334°, 100%, 8%
HSV	334°, 100%, 16%
XYZ	0.9762, 0.4916, 0.5737
YIQ	13.8980, 18.3830, 13.7670

# Conversions

## Conversions Part 2

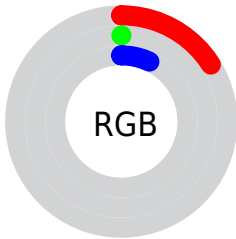
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 0, 17
Decimal	2621457
CIE Lab	4.44, 20.58, -0.55
CIE LCh	4, 20.589, 358.468
Yxy	0.4916, 0.4782, 0.2408
Android (android.graphics.Color)	4280811537 (0xFF280011)
YUV	13.8980, 1.5293, 22.8915
Hunter-Lab	7.0113, 12.5843, 0.0562

# Details

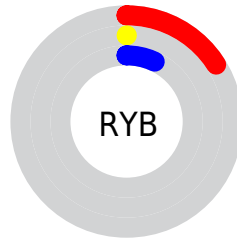
The Hex color **280011** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002817**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **562E3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280011**, and if you desaturate by 10%, it is **280413**.

# Distribution



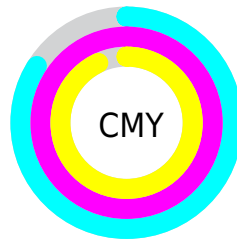
- Red (16%)
- Green (0%)
- Blue (7%)



- Red (16%)
- Yellow (0%)
- Blue (7%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (84%)



- Cyan (84%)
- Magenta (100%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 280011 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 280011 by changing the saturation by 10% instead.



 280011

 280011

 FFE1F1

 000000

 562E3B

 6F4552

 895C6B

 A47584

 C08F9E

 DCAAB9

 F9C5D4

 280011

■ 280413

■ 280816

■ 280C18

■ 28101A

■ 28141C

■ 28181F

■ 281C21

■ 282023

■ 282426

# Harmonies

## Analogous

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



21041F



280011



290100

# Triad

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



280011



001400



001627

# Complementary

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



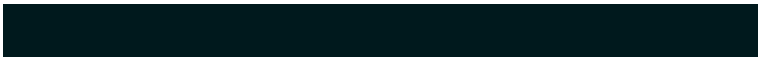
280011



002817

# 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.



00191D



280011



001700

# Square

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



280011



160E00



00190E



00112B

# Rectangle

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



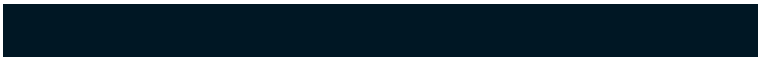
280011



250500



00190E



001724



# Sweetspot

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



280011



33242A



170028



1A1014



999999



1A1A1A



# Same Dimension

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



280011



330016



280300



141213



540024



D4005A



# Inverse Universe

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



280011



330016



002528



141213



540024

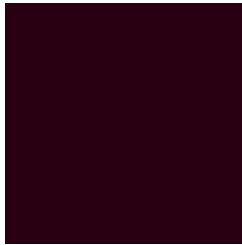


D4005A



# Previews

## White Background



This preview shows how the Hex color 280011 looks on a white background.

## Color Contrast Check

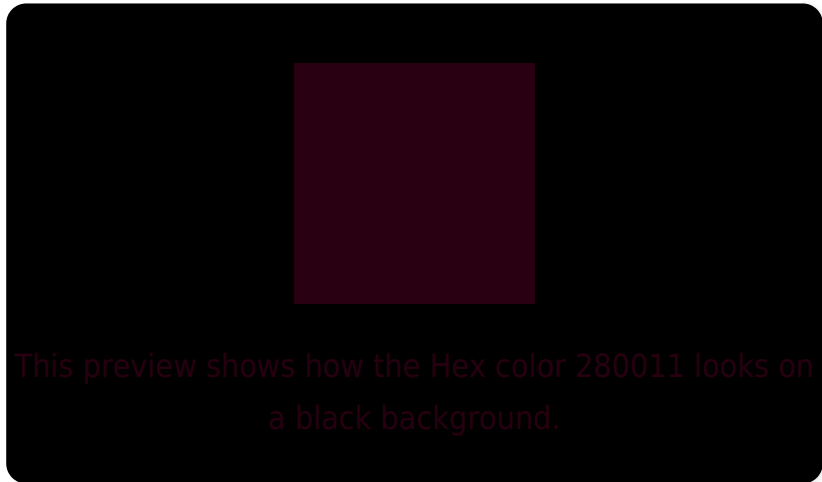
Large Text (above 18pt) WCAG AA ✓ Pass

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

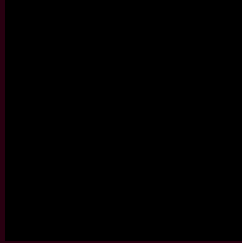
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 280011 Background



This preview shows how black text looks on a background with the Hex color 280011.



This preview shows how white text looks on a background with the Hex color 280011.

# 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**  
280011

**Protanopia**  
141419

**Deuteranopia**  
18140F



**Tritanopia**  
280707

# Trichromacy



**Original Color**

280011

**Protanomaly**

1B0D16

**Deuteranomaly**

1E0D10

**Tritanomaly**

28040B

# Monochromacy



**Original Color**

280011

**Achromatopsia**

0E0E0E

**Achromatomaly**

17090F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 280011 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 #280011 looks like.

```
.text, #text, p{  
    color:#280011  
}
```

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 #280011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280011
}
```

## Border

The CSS property to change the border of an element to Hex 280011 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".

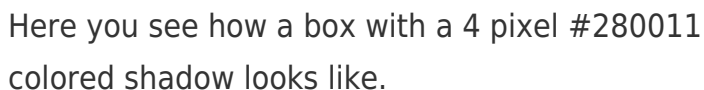
```
.border, #border, table{ border:4px solid
#280011 }
```

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

```
.border{ border-color:#280011 }
```

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

Here you see how a box with a 4 pixel #280011 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280011; -webkit-box-shadow:4px 4px  
4px 4px #280011; box-shadow:4px 4px 4px  
4px #280011 }
```

# Background

The CSS property to change the background color of an element to Hex 280011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280011 }
```

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

```
.background{ background-color:#280011 }
```

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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