

Converting Colors

Hex(280017)

Have a look what the booklet for
Hex(280017) contains.

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Color

Hex(280017)

Conversions

Conversions Part 1

Format	Color
Hex	280017
RGB	40, 0, 23
RGB Percent	16%, 0%, 9%
CMY	0.8431, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.42, 0.84
HSL	326°, 100%, 8%
HSV	326°, 100%, 16%
XYZ	1.0297, 0.5130, 0.8554
YIQ	14.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

Format	Color
R_{YB}	40, 0, 23
Decimal	2621463
CIE _{Lab}	4.63, 21.70, -4.25
CIE _{LCh}	5, 22.109, 348.930
Yxy	0.5130, 0.4294, 0.2139
Android (android.graphics.Color)	4280811543 (0xFF280017)
YUV	14.5820, 4.1501, 22.2916
Hunter-Lab	7.1622, 13.1293, -2.0671

Details

The Hex color **280017** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002811**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **562D41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280017**, and if you desaturate by 10%, it is **280419**.

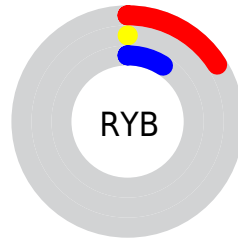
Distribution



Red (16%)

Green (0%)

Blue (9%)



Red (16%)

Yellow (0%)

Blue (9%)

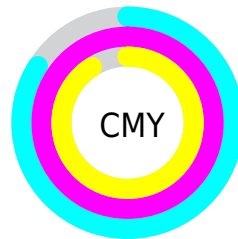


Cyan (0%)

Magenta (100%)

Yellow (42%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280017 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 280017 by changing the saturation by 10% instead.

 280017

 280017

 FFE1F8

 000000

 562D41

 704459

 895C71

 A4758B

 C08FA5

 DCAAC0

 F9C5DC

 280017

■ 280419

■ 28081A

■ 280C1C

■ 28101E

■ 281420

■ 281821

■ 281C23

■ 282025

■ 282426

Harmonies

Analogous

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



1D0524



280017



2B0000

Triad

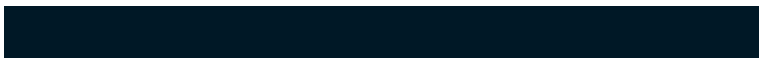
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280017



071300



001826

Complementary

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



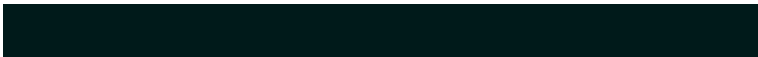
280017



002811

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.



001A1A



280017



001700

Square

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



280017



1B0D00



001906



00142D

Rectangle

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



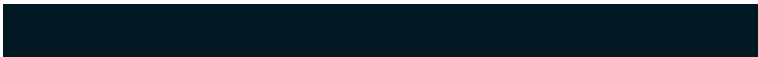
280017



280300



001906



001923

Sweetspot

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



280017



33242C



110028



1A1016



999999



1A1A1A

Same Dimension

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



280017



33001D



280003



141214



540030



D4007A

Inverse Universe

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



280017



33001D



002825



141214



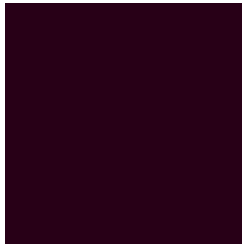
540030



D4007A

Previews

White Background



This preview shows how the Hex color 280017 looks on a white background.

Color Contrast Check

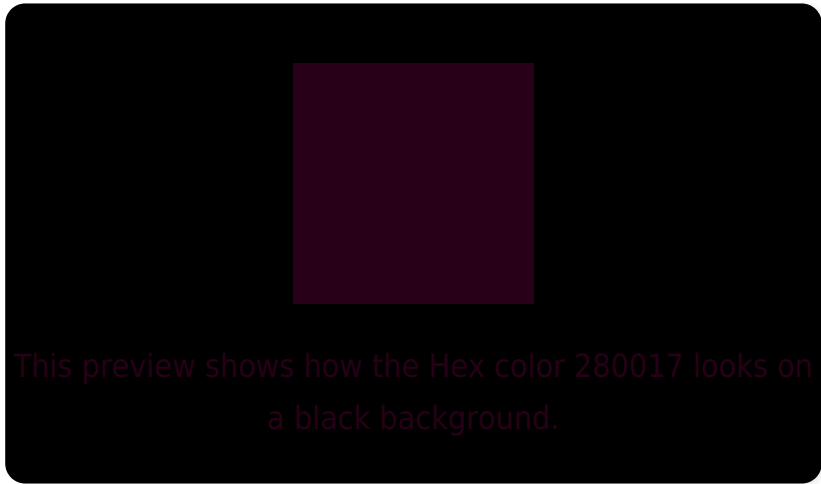
Large Text (above 18pt) WCAG AA ✓ Pass

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

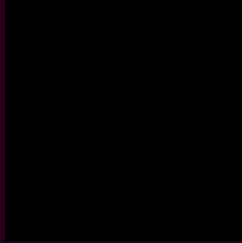
Any Text WCAG AA × Fail

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 280017 Background



This preview shows how black text looks on a background with the Hex color 280017.



This preview shows how white text looks on a background with the Hex color 280017.

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
280017

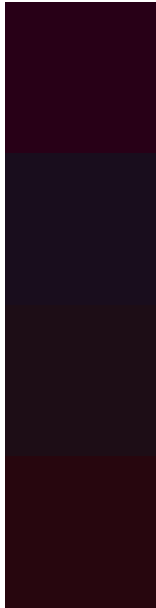
Protanopia
101521

Deuteranopia
171415



Tritanopia
270909

Trichromacy



Original Color
280017

Protanomaly
190D1D

Deuteranomaly
1D0D16

Tritanomaly
27060E

Monochromacy



Original Color
280017

Achromatopsia
0F0F0F

Achromatomaly
180A12

CSS Examples

Text

The CSS property to change the color of the text to Hex 280017 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 #280017 looks like.

```
.text, #text, p{  
    color:#280017  
}
```

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 #280017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280017
}
```

Border

The CSS property to change the border of an element to Hex 280017 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
#280017 }
```

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

```
.border{ border-color:#280017 }
```

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

Here you see how a box with a 4 pixel #280017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280017; -webkit-box-shadow:4px 4px  
4px 4px #280017; box-shadow:4px 4px 4px  
4px #280017 }
```

Background

The CSS property to change the background color of an element to Hex 280017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280017 }
```

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

```
.background{ background-color:#280017 }
```

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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