

Converting Colors

Hex(280028)

Have a look what the booklet for
Hex(280028) contains.

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Color

Hex(280028)

Conversions

Conversions Part 1

Format	Color
Hex	280028
RGB	40, 0, 40
RGB Percent	16%, 0%, 16%
CMY	0.8431, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.00, 0.84
HSL	300°, 100%, 8%
HSV	300°, 100%, 16%
XYZ	1.2581, 0.6043, 2.0578
YIQ	16.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

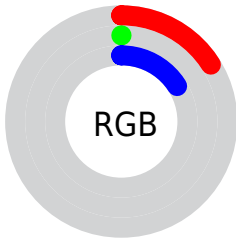
Format	Color
R_{YB}	40, 0, 40
Decimal	2621480
CIE Lab	5.46, 25.78, -16.28
CIE LCh	5, 30.488, 327.735
Yxy	0.6043, 0.3209, 0.1542
Android (android.graphics.Color)	4280811560 (0xFF280028)
YUV	16.5200, 11.5756, 20.5920
Hunter-Lab	7.7738, 15.2835, -10.2532

Details

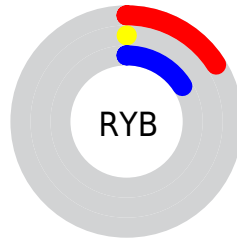
The Hex color **280028** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002800**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **572D55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280028**, and if you desaturate by 10%, it is **280428**.

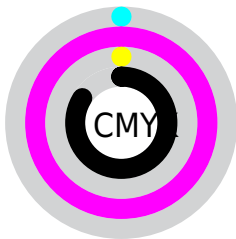
Distribution



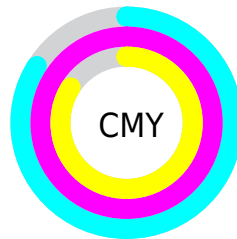
- Red (16%)
- Green (0%)
- Blue (16%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 280028 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 280028 by changing the saturation by 10% instead.

 280028

 280028

 FFE2FF

 060013

 572D55

 000000

 70446E

 8A5D87

 A476A1

 C090BC

 DCAAD8

 F9C6F5

 280028

■ 280428

■ 280828

■ 280C28

■ 281028

■ 281428

■ 281828

■ 281C28

■ 282028

■ 282428

Harmonies

Analogous

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



090D36



280028



330015

Triad

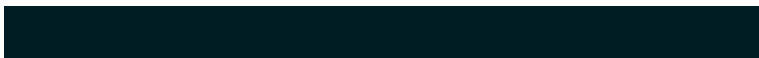
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280028



1A1100



001D24

Complementary

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



280028



002800

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.



001C0F



280028



001800

Square

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



280028



290600



001C00



001B34

Rectangle

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



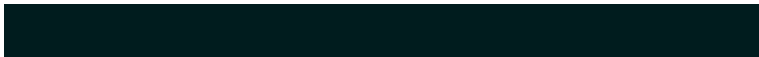
280028



340000



001C00



001C1E

Sweetspot

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



280028



332433



000028



1A101A



999999



1A1A1A

Same Dimension

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



280028



330033



280014



141214



540054



D400D4

Inverse Universe

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



280028



330033



002814



141214



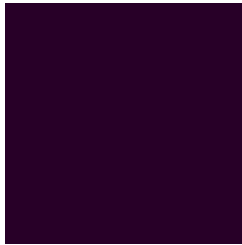
540054



D400D4

Previews

White Background



This preview shows how the Hex color 280028 looks on a white background.

Color Contrast Check

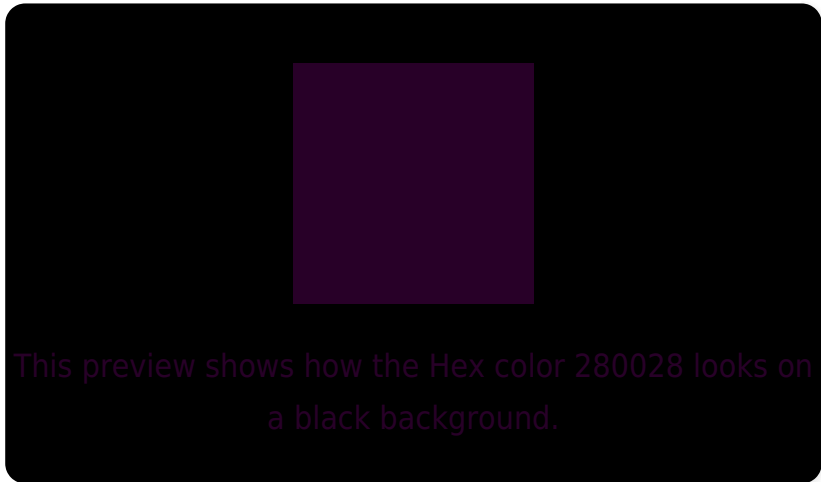
Large Text (above 18pt) WCAG AA ✓ Pass

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

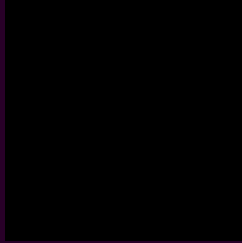
Any Text WCAG AA × Fail

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 280028 Background



This preview shows how black text looks on a background with the Hex color 280028.



This preview shows how white text looks on a background with the Hex color 280028.

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
280028

Protanopia
00162F

Deuteranopia
0E1726



Tritanopia
251011

Trichromacy



Original Color
280028

Protanomaly
0F0E2C

Deuteranomaly
170F27

Tritanomaly
260A19

Monochromacy



Original Color
280028

Achromatopsia
111111

Achromatomaly
190B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 280028 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 #280028 looks like.

```
.text, #text, p{  
    color:#280028  
}
```

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 #280028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280028
}
```

Border

The CSS property to change the border of an element to Hex 280028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

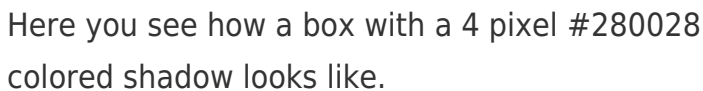
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280028 }
```

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

```
.border{ border-color:#280028 }
```

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



Here you see how a box with a 4 pixel #280028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280028; -webkit-box-shadow:4px 4px  
4px 4px #280028; box-shadow:4px 4px 4px  
4px #280028 }
```

Background

The CSS property to change the background color of an element to Hex 280028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280028 }
```

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

```
.background{ background-color:#280028 }
```

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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