

Converting Colors

Hex(280816)

Have a look what the booklet for
Hex(280816) contains.

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Color

Hex(280816)

Conversions

Conversions Part 1

Format	Color
Hex	280816
RGB	40, 8, 22
RGB Percent	16%, 3%, 9%
CMY	0.8431, 0.9686, 0.9137
CMYK	0.00, 0.80, 0.45, 0.84
HSL	334°, 67%, 9%
HSV	334°, 80%, 16%
XYZ	1.1067, 0.6827, 0.8325
YIQ	19.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

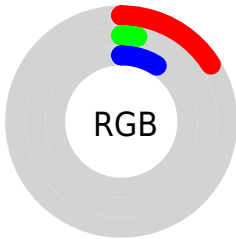
Format	Color
R_YB	40, 8, 22
Decimal	2623510
CIE Lab	6.17, 17.78, -1.28
CIE LCh	6, 17.827, 355.898
Yxy	0.6827, 0.4221, 0.2604
Android (android.graphics.Color)	4280813590 (0xFF280816)
YUV	19.1640, 1.3981, 18.2732
Hunter-Lab	8.2626, 9.4493, -0.1899

Details

The Hex color **280816** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **08281A**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **573440**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280414**, and if you desaturate by 10%, it is **280C18**.

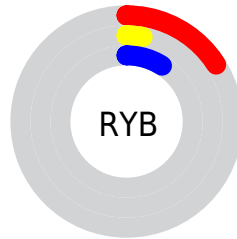
Distribution



Red (16%)

Green (3%)

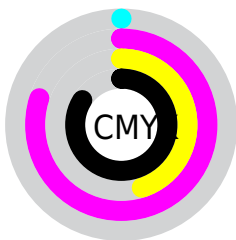
Blue (9%)



Red (16%)

Yellow (3%)

Blue (9%)

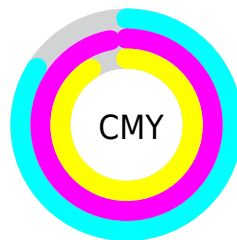


Cyan (0%)

Magenta (80%)

Yellow (45%)

Black (84%)



Cyan (84%)

Magenta (97%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280816 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 280816 by changing the saturation by 10% instead.

 280816

 280816

 FFE8F7

 030000

 573440

 000000

 704B58

 896370

 A47C89

 BF96A4

 DBB1BF

 F8CCDB

 280816

 280816

■ 280414

■ 280C18

■ 280012

■ 28101B

■ 28141D

■ 28181F

■ 281C21

■ 282023

■ 282426

■ 282828

■ 282C2A

Harmonies

Analogous

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



210C21



280816



2A0904

Triad

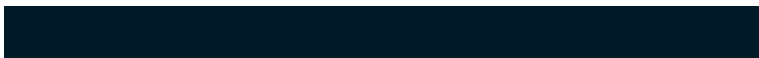
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280816



0E1700



001927

Complementary

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



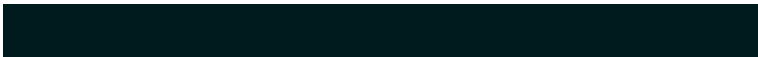
280816



08281A

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.



001B1E



280816



001A00

Square

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



280816



1C1200



001B11



00162B

Rectangle

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



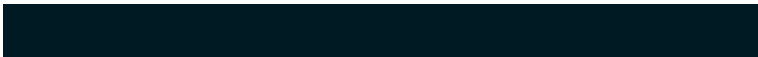
280816



270C00



001B11



001A24

Sweetspot

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



280816



33272C



1A0828



1A1215



999999



1A1A1A

Same Dimension

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



280816



330217



280A08



141213



540025



D4005D

Inverse Universe

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



280816



330217



082628



141213



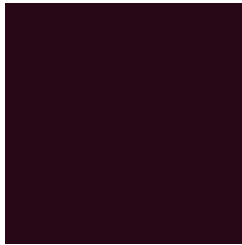
540025



D4005D

Previews

White Background



This preview shows how the Hex color 280816 looks on a white background.

Color Contrast Check

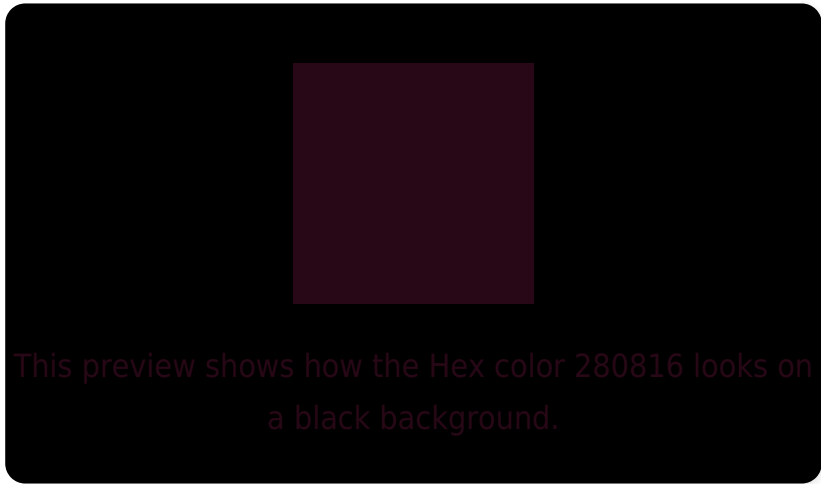
Large Text (above 18pt) WCAG AA ✓ Pass

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

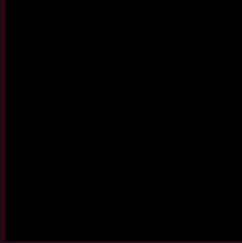
Any Text WCAG AA × Fail

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 280816 Background



This preview shows how black text looks on a background with the Hex color 280816.



This preview shows how white text looks on a background with the Hex color 280816.

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
280816

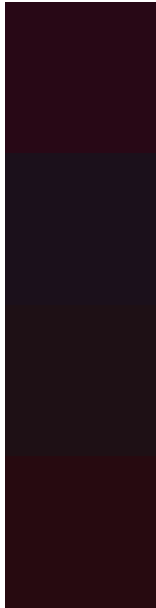
Protanopia
13151E

Deuteranopia
181514



Tritanopia
270B0C

Trichromacy



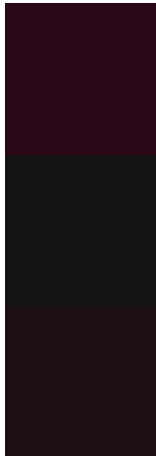
Original Color
280816

Protanomaly
1B101B

Deuteranomaly
1E1015

Tritanomaly
270A10

Monochromacy



Original Color
280816

Achromatopsia
131313

Achromatomaly
1B0F14

CSS Examples

Text

The CSS property to change the color of the text to Hex 280816 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 #280816 looks like.

```
.text, #text, p{  
    color:#280816  
}
```

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 #280816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280816
}
```

Border

The CSS property to change the border of an element to Hex 280816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

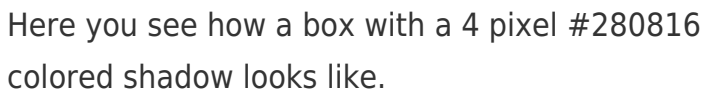
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280816 }
```

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

```
.border{ border-color:#280816 }
```

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



Here you see how a box with a 4 pixel #280816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280816; -webkit-box-shadow:4px 4px  
4px 4px #280816; box-shadow:4px 4px 4px  
4px #280816 }
```

Background

The CSS property to change the background color of an element to Hex 280816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280816 }
```

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

```
.background{ background-color:#280816 }
```

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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