

Converting Colors

Hex(280D27)

Have a look what the booklet for
Hex(280D27) contains.

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Color

Hex(280D27)

Conversions

Conversions Part 1

Format	Color
Hex	280D27
RGB	40, 13, 39
RGB Percent	16%, 5%, 15%
CMY	0.8431, 0.9490, 0.8471
CMYK	0.00, 0.67, 0.02, 0.84
HSL	302°, 51%, 10%
HSV	302°, 68%, 16%
XYZ	1.3852, 0.8854, 2.0174
YIQ	24.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

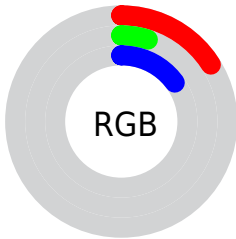
Format	Color
RYB	40, 13, 39
Decimal	2624807
CIELab	8.00, 18.69, -11.55
CIELCh	8, 21.970, 328.296
Yxy	0.8854, 0.3230, 0.2065
Android (android.graphics.Color)	4280814887 (0xFF280D27)
YUV	24.0370, 7.3768, 13.9996
Hunter-Lab	9.4098, 9.8095, -6.1242

Details

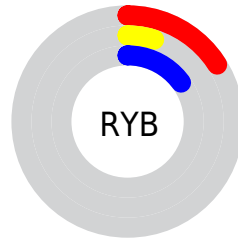
The Hex color **280D27** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D280E**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **563854**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280927**, and if you desaturate by 10%, it is **281127**.

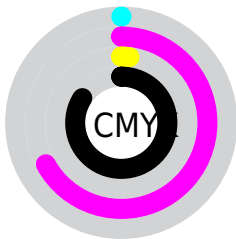
Distribution



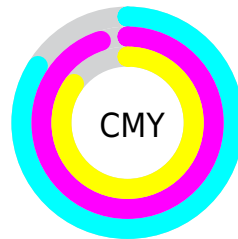
- Red (16%)
- Green (5%)
- Blue (15%)



- Red (16%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (2%)
- Black (84%)



- Cyan (84%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280D27 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 280D27 by changing the saturation by 10% instead.

 280D27

 280D27

 FFEEFF

 100012

 563854

 000000

 6F4F6C

 896786

 A381A0

 BE9BBB

 DAB6D7

 F7D1F3

 280D27

 280D27

■ 280927

■ 281127

■ 280527

■ 281527

■ 280127

■ 281927

■ 280027

■ 281D28

■ 282128

■ 282528

■ 282928

■ 282D28

■ 283128

Harmonies

Analogous

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



151431



280D27



300819

Triad

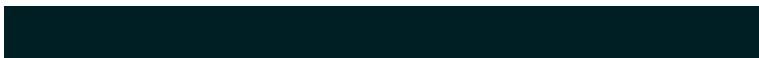
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



280D27



201700



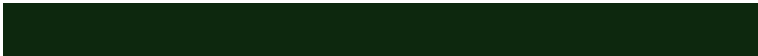
001F25

Complementary

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



280D27



0D280E

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.



001F16



280D27



111B00

Square

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



280D27



2B1100



001E00



001D30

Rectangle

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



280D27



32090D



001E00



001F20

Sweetspot

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



280D27



332933



0E0D28



1A1319



999999



1A1A1A

Same Dimension

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



280D27



330A31



280D1A



141214



540051



D400CC

Inverse Universe

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



280D27



330A31



0D281B



141214



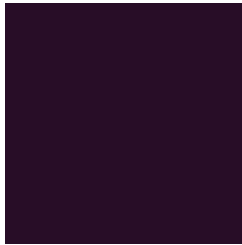
540051



D400CC

Previews

White Background



This preview shows how the Hex color 280D27 looks on a white background.

Color Contrast Check

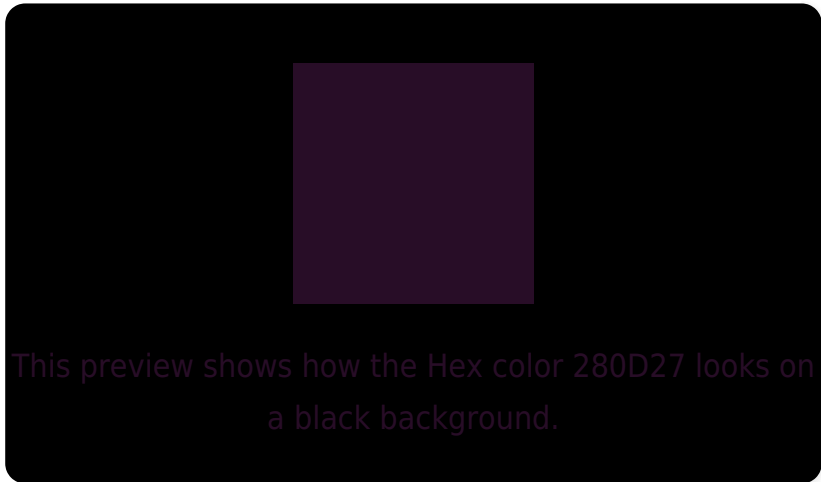
Large Text (above 18pt) WCAG AA ✓ Pass

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

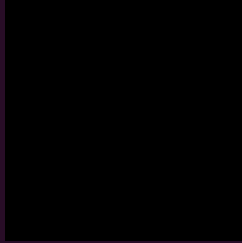
Any Text WCAG AA × Fail

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 280D27 Background



This preview shows how black text looks on a background with the Hex color 280D27.



This preview shows how white text looks on a background with the Hex color 280D27.

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
280D27

Protanopia
091831

Deuteranopia
131925



Tritanopia
261314

Trichromacy



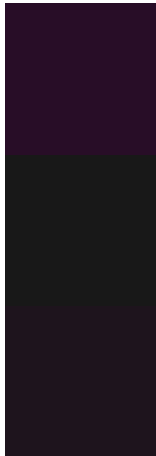
Original Color
280D27

Protanomaly
14142D

Deuteranomaly
1B1526

Tritanomaly
27111B

Monochromacy



Original Color
280D27

Achromatopsia
181818

Achromatomaly
1E141D

CSS Examples

Text

The CSS property to change the color of the text to Hex 280D27 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 #280D27 looks like.

```
.text, #text, p{  
  color:#280D27  
}
```

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 #280D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280D27
}
```

Border

The CSS property to change the border of an element to Hex 280D27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

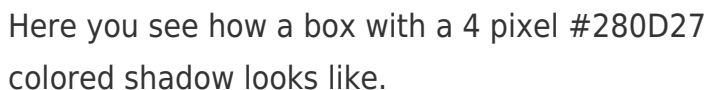
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280D27 }
```

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

```
.border{ border-color:#280D27 }
```

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



Here you see how a box with a 4 pixel #280D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280D27; -webkit-box-shadow:4px 4px  
4px 4px #280D27; box-shadow:4px 4px 4px  
4px #280D27 }
```

Background

The CSS property to change the background color of an element to Hex 280D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280D27 }
```

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

```
.background{ background-color:#280D27 }
```

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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