

Converting Colors

Hex(280400)

Have a look what the booklet for
Hex(280400) contains.

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Color

Hex(280400)

Conversions

Conversions Part 1

Format	Color
Hex	280400
RGB	40, 4, 0
RGB Percent	16%, 2%, 0%
CMY	0.8431, 0.9843, 1.0000
CMYK	0.00, 0.90, 1.00, 0.84
HSL	6°, 100%, 8%
HSV	6°, 100%, 16%
XYZ	0.9185, 0.5379, 0.0554
YIQ	14.3080, 22.7400, 6.3880

Conversions

Conversions Part 2

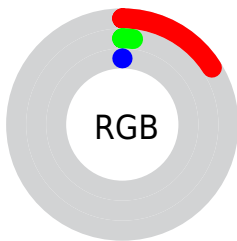
Format	Color
RYB	40, 4, 0
Decimal	2622464
CIELab	4.86, 16.59, 7.59
CIELCh	5, 18.241, 24.572
Yxy	0.5379, 0.6075, 0.3558
Android (android.graphics.Color)	4280812544 (0xFF280400)
YUV	14.3080, -7.0538, 22.5319
Hunter-Lab	7.3345, 9.5179, 4.6861

Details

The Hex color **280400** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002428**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **563130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280400**, and if you desaturate by 10%, it is **280804**.

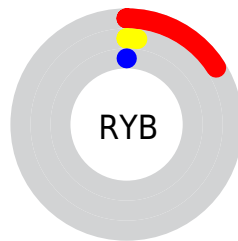
Distribution



Red (16%)

Green (2%)

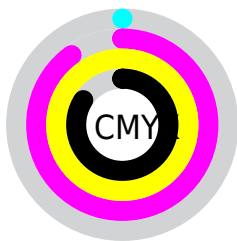
Blue (0%)



Red (16%)

Yellow (2%)

Blue (0%)

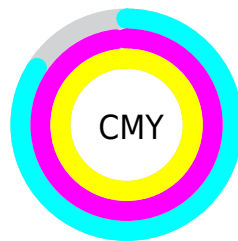


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280400 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 280400 by changing the saturation by 10% instead.

 280400

 280400

 FFE5E2

 000000

 563130

 6F4847

 89605E

 A47977

 BF9391

 DCADAB

 F8C9C6

 280400

■ 280804

■ 280B08

■ 280F0C

■ 281210

■ 281614

■ 281A18

■ 281D1C

■ 282120

■ 282424

Harmonies

Analogous

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



260414



280400



230900

Triad

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



280400



001700



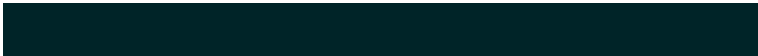
001329

Complementary

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



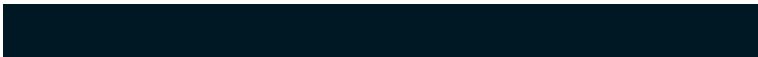
280400



002428

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.



001724



280400



00190D

Square

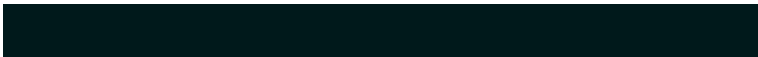
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



280400



081400



00191B



0E0D27

Rectangle

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



280400



1D0D00



00191B



001428

Sweetspot

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



280400



332524



280024



1A1110



999999



1A1A1A

Same Dimension

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



280400



330500



281800



141312



540800



D41500

Inverse Universe

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



002428



002E33



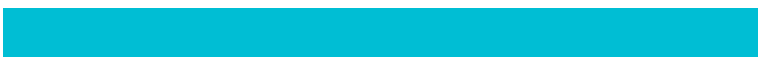
001028



121414



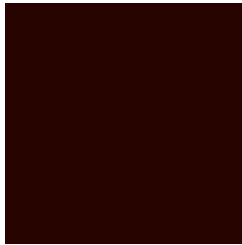
004C54



00BED4

Previews

White Background



This preview shows how the Hex color 280400 looks on a white background.

Color Contrast Check

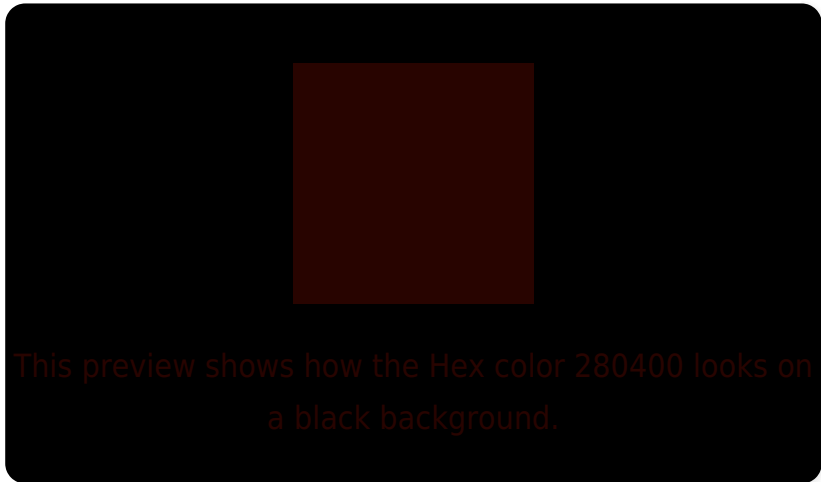
Large Text (above 18pt) WCAG AA ✓ Pass

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

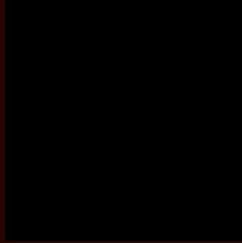
Any Text WCAG AA × Fail

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 280400 Background



This preview shows how black text looks on a background with the Hex color 280400.

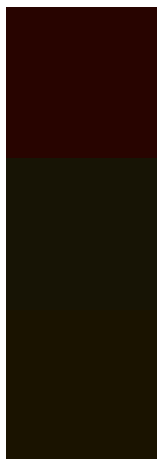


This preview shows how white text looks on a background with the Hex color 280400.

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
280400

Protanopia
171405

Deuteranopia
1A1300



Tritanopia
280402

Trichromacy



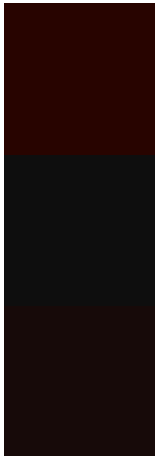
Original Color
280400

Protanomaly
1D0E03

Deuteranomaly
1F0E00

Tritanomaly
280401

Monochromacy



Original Color
280400

Achromatopsia
0E0E0E

Achromatomaly
170A09

CSS Examples

Text

The CSS property to change the color of the text to Hex 280400 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 #280400 looks like.

```
.text, #text, p{  
    color:#280400  
}
```

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 #280400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280400
}
```

Border

The CSS property to change the border of an element to Hex 280400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

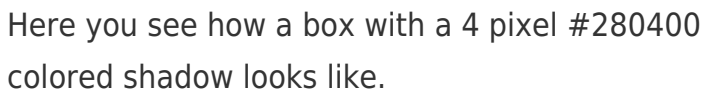
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280400 }
```

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

```
.border{ border-color:#280400 }
```

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



Here you see how a box with a 4 pixel #280400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280400; -webkit-box-shadow:4px 4px  
4px 4px #280400; box-shadow:4px 4px 4px  
4px #280400 }
```

Background

The CSS property to change the background color of an element to Hex 280400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280400 }
```

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

```
.background{ background-color:#280400 }
```

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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