

Converting Colors

Hex(00281D)

Have a look what the booklet for
Hex(00281D) contains.

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Color

Hex(00281D)

Conversions

Conversions Part 1

Format	Color
Hex	00281D
RGB	0, 40, 29
RGB Percent	0%, 16%, 11%
CMY	1.0000, 0.8431, 0.8863
CMYK	1.00, 0.00, 0.27, 0.84
HSL	164°, 100%, 8%
HSV	164°, 100%, 16%
XYZ	0.9806, 1.6063, 1.4208
YIQ	26.7860, -20.3090, -11.9010

Conversions

Conversions Part 2

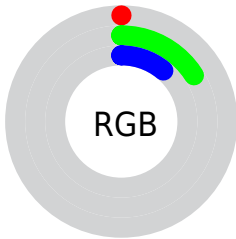
Format	Color
RYB	0, 23, 40
Decimal	10269
CIELab	13.27, -17.31, 3.38
CIELCh	13, 17.637, 168.959
Yxy	1.6063, 0.2447, 0.4008
Android (android.graphics.Color)	4278200349 (0xFF00281D)
YUV	26.7860, 1.0915, -23.4913
Hunter-Lab	12.6740, -8.3692, 2.2253

Details

The Hex color **00281D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28000B**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **2F5648**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00281D**, and if you desaturate by 10%, it is **04281E**.

Distribution



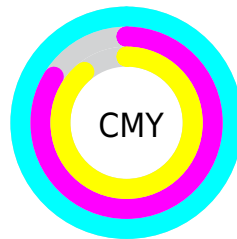
- Red (0%)
- Green (16%)
- Blue (11%)



- Red (0%)
- Yellow (9%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00281D 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 00281D by changing the saturation by 10% instead.

 00281D

 00281D

 E6FFFF

 001403

 2F5648

 000000

 476E60

 5F8879

 79A293

 93BDAD

 AED9C9

 C9F5E5

 00281D

■ 04281E

■ 08281F

■ 0C2820

■ 102821

■ 142823

■ 182824

■ 1C2825

■ 202826

■ 242827

Harmonies

Analogous

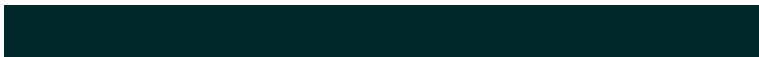
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142711



00281D



00282A

Triad

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



00281D



1C2139



361B0F

Complementary

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



00281D



28000B

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.



39181B



00281D



2D1C32

Square

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



00281D



00253A



361827



2E2006

Rectangle

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



00281D



002831



361827



371A13

Sweetspot

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



00281D



24332F



0B2800



101A17



999999



1A1A1A

Same Dimension

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



00281D



003325



001F28



121414



00543D



00D499

Inverse Universe

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



28000B



33000E



280900



141213



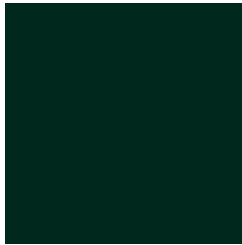
540017



D4003A

Previews

White Background



This preview shows how the Hex color 00281D looks on a white background.

Color Contrast Check

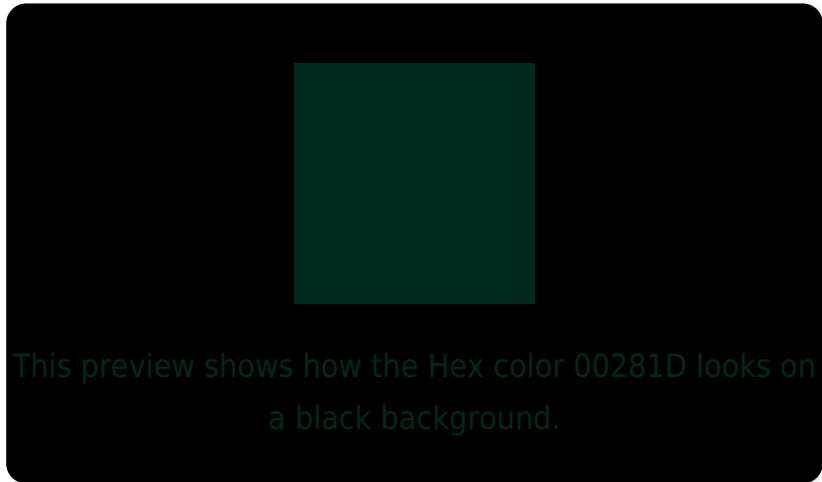
Large Text (above 18pt) WCAG AA ✓ Pass

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

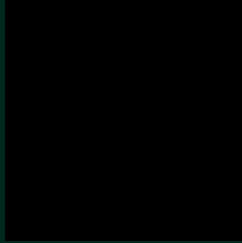
Any Text WCAG AA × Fail

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 00281D Background



This preview shows how black text looks on a background with the Hex color 00281D.



This preview shows how white text looks on a background with the Hex color 00281D.

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
00281D

Protanopia
25231B

Deuteranopia
28221E



Tritanopia
0D2629

Trichromacy



Original Color
00281D

Protanomaly
18251C

Deuteranomaly
19241E

Tritanomaly
082725

Monochromacy



Original Color
00281D

Achromatopsia
1B1B1B

Achromatomaly
11201C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00281D 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 #00281D looks like.

```
.text, #text, p{  
    color:#00281D  
}
```

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 #00281D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00281D
}
```

Border

The CSS property to change the border of an element to Hex 00281D 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
#00281D }
```

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

```
.border{ border-color:#00281D }
```

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

Here you see how a box with a 4 pixel #00281D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00281D; -webkit-box-shadow:4px 4px  
4px 4px #00281D; box-shadow:4px 4px 4px  
4px #00281D }
```

Background

The CSS property to change the background color of an element to Hex 00281D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00281D }
```

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

```
.background{ background-color:#00281D }
```

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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