

Converting Colors

Hex(28481D)

Have a look what the booklet for
Hex(28481D) contains.

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Color

Hex(28481D)

Conversions

Conversions Part 1

Format	Color
Hex	28481D
RGB	40, 72, 29
RGB Percent	16%, 28%, 11%
CMY	0.8431, 0.7176, 0.8863
CMYK	0.44, 0.00, 0.60, 0.72
HSL	105°, 43%, 20%
HSV	105°, 60%, 28%
XYZ	3.4142, 5.1746, 1.9812
YIQ	57.5300, -5.2690, -20.1570

Conversions

Conversions Part 2

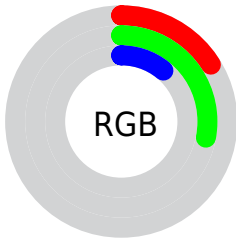
Format	Color
RYB	29, 72, 61
Decimal	2639901
CIELab	27.23, -21.34, 21.92
CIELCh	27, 30.598, 134.233
Yxy	5.1746, 0.3230, 0.4896
Android (android.graphics.Color)	4280829981 (0xFF28481D)
YUV	57.5300, -14.0653, -15.3738
Hunter-Lab	22.7476, -13.0172, 10.7594

Details

The Hex color **28481D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D1D48**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **58794A**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **234816**, and if you desaturate by 10%, it is **2D4824**.

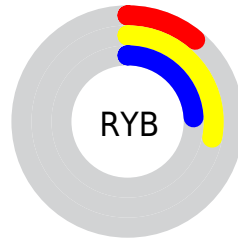
Distribution



Red (16%)

Green (28%)

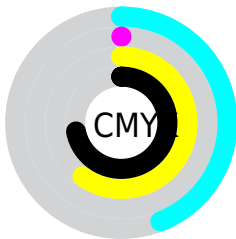
Blue (11%)



Red (11%)

Yellow (28%)

Blue (24%)

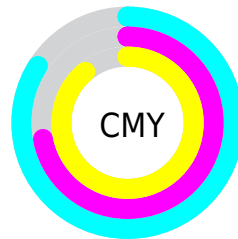


Cyan (44%)

Magenta (0%)

Yellow (60%)

Black (72%)



Cyan (84%)

Magenta (72%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Hex color 28481D 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 28481D by changing the saturation by 10% instead.

 28481D

 28481D

FFFFFF

 113106

 58794A

 001E00

 719362

 000000

 8BAD7B

 A5C995

 C1E5B0

 DDFCC

 FAFFE8

 28481D

 28481D

■ 234816

■ 2D4824

■ 1D480F

■ 33482B

■ 184807

■ 384833

■ 134800

■ 3D483A

■ 124800

■ 434841

■ 484848

■ 4E484F

■ 534857

■ 58485E

Harmonies

Analogous

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



42430F



28481D



004B33

Triad

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



28481D



00466D



6B2B36

Complementary

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



28481D



3D1D48

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.



652D4E



28481D



2A3F6E

Square

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



28481D



004A60



503562



663221

Rectangle

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



28481D



004C43



503562



6B2B3E

Sweetspot

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



28481D



525E4D



483D1D



293026



B0B0B0



303030

Same Dimension

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



28481D



2C5E1A



1D4827



212420



196300



3AE300

Inverse Universe

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



3D1D48



4D1A5E



481D3E



232024



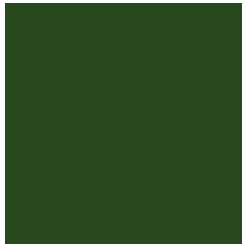
4A0063



A900E3

Previews

White Background



This preview shows how the Hex color 28481D looks on a white background.

Color Contrast Check

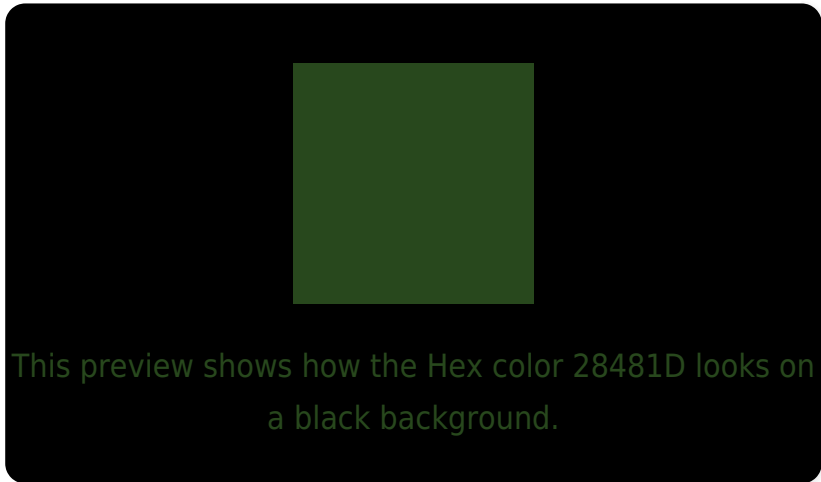
Large Text (above 18pt) WCAG AA ✓ Pass

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

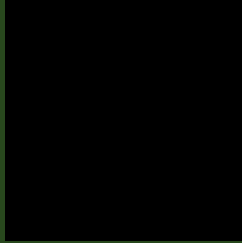
Any Text WCAG AA × Fail

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 28481D Background



This preview shows how black text looks on a background with the Hex color 28481D.



This preview shows how white text looks on a background with the Hex color 28481D.

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](#).

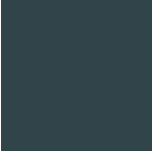
Dichromacy



Original Color
28481D

Protanopia
47401B

Deuteranopia
4F3D20



Tritanopia
304449

Trichromacy



Original Color
28481D

Protanomaly
3C431C

Deuteranomaly
41411F

Tritanomaly
2D4539

Monochromacy



Original Color
28481D

Achromatopsia
3A3A3A

Achromatomaly
333F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28481D 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 #28481D looks like.

```
.text, #text, p{  
    color:#28481D  
}
```

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 #28481D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28481D
}
```

Border

The CSS property to change the border of an element to Hex 28481D 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".

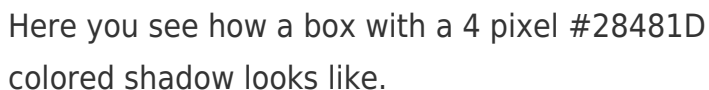
```
.border, #border, table{ border:4px solid
#28481D }
```

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

```
.border{ border-color:#28481D }
```

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

Here you see how a box with a 4 pixel #28481D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28481D; -webkit-box-shadow:4px 4px  
4px 4px #28481D; box-shadow:4px 4px 4px  
4px #28481D }
```

Background

The CSS property to change the background color of an element to Hex 28481D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28481D }
```

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

```
.background{ background-color:#28481D }
```

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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