

Converting Colors

Hex(28802D)

Have a look what the booklet for
Hex(28802D) contains.

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Color

Hex(28802D)

Conversions

Conversions Part 1

Format	Color
Hex	28802D
RGB	40, 128, 45
RGB Percent	16%, 50%, 18%
CMY	0.8431, 0.4980, 0.8235
CMYK	0.69, 0.00, 0.65, 0.50
HSL	123°, 52%, 33%
HSV	123°, 69%, 50%
XYZ	9.0679, 16.0789, 5.1082
YIQ	92.2260, -25.8050, -44.4690

Conversions

Conversions Part 2

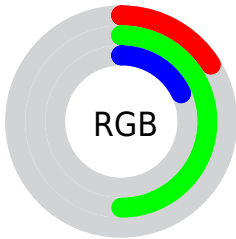
Format	Color
RYB	40, 123, 128
Decimal	2654253
CIELab	47.08, -43.42, 36.62
CIElCh	47, 56.801, 139.854
Yxy	16.0789, 0.2997, 0.5314
Android (android.graphics.Color)	4280844333 (0xFF28802D)
YUV	92.2260, -23.2824, -45.8022
Hunter-Lab	40.0985, -29.8064, 20.5159

Details

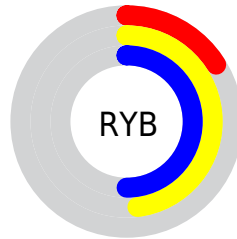
The Hex color **28802D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **80287B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62B65E**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **1B8021**, and if you desaturate by 10%, it is **358039**.

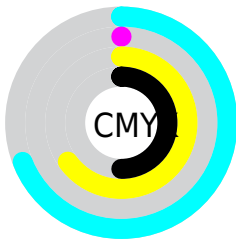
Distribution



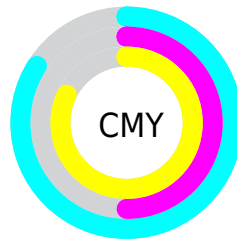
- Red (16%)
- Green (50%)
- Blue (18%)



- Red (16%)
- Yellow (48%)
- Blue (50%)



- Cyan (69%)
- Magenta (0%)
- Yellow (65%)
- Black (50%)



- Cyan (84%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28802D 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 28802D by changing the saturation by 10% instead.

 28802D

 28802D

FFFFFF

 006614

 62B65E

 004D00

 7DD278

 003600

 99EE92

 002000

 B5FFAD

 000000

 D2FFC9

 EFFF E5

 28802D

 28802D

 1B8021

 358039

■ 0E8015

■ 428045

■ 028009

■ 4E8051

■ 008007

■ 5B805D

■ 688069

■ 758075

■ 828082

■ 8E808E

■ 9B809A

Harmonies

Analogous

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



687700



28802D



00855D

Triad

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



28802D



007ACE



C44052

Complementary

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



28802D



80287B

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.



BD4082



28802D



4C6ACA

Square

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



28802D



0083B8



9954AE



B45326

Rectangle

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



28802D



00867F



9954AE



C53E62

Sweetspot

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



28802D



83A685



7C8028



3F5440



D4D4D4



545454

Same Dimension

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



28802D



1CA624



288058



39403A



008007



000000

Inverse Universe

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



80287B



A61C9E



802850



40393F



800078



000000

Previews

White Background



This preview shows how the Hex color 28802D looks on a white background.

Color Contrast Check

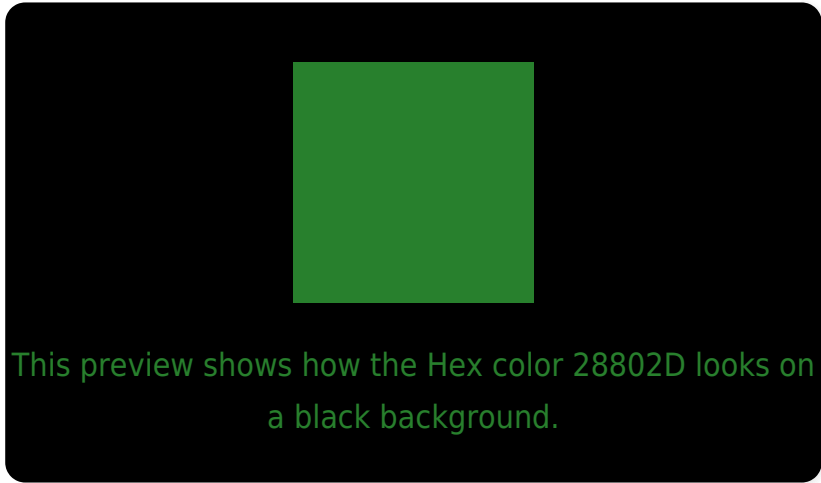
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28802D Background



This preview shows how black text looks on a background with the Hex color 28802D.



This preview shows how white text looks on a background with the Hex color 28802D.

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
28802D

Protanopia
7C6F28

Deuteranopia
896A34



Tritanopia
3F7881

Trichromacy



Original Color
28802D

Protanomaly
5D752A

Deuteranomaly
667231

Tritanomaly
377B62

Monochromacy



Original Color
28802D

Achromatopsia
5C5C5C

Achromatomaly
49694B

CSS Examples

Text

The CSS property to change the color of the text to Hex 28802D 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 #28802D looks like.

```
.text, #text, p{  
    color:#28802D  
}
```

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 #28802D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28802D
}
```

Border

The CSS property to change the border of an element to Hex 28802D 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
#28802D }
```

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

```
.border{ border-color:#28802D }
```

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

Here you see how a box with a 4 pixel #28802D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28802D; -webkit-box-shadow:4px 4px  
4px 4px #28802D; box-shadow:4px 4px 4px  
4px #28802D }
```

Background

The CSS property to change the background color of an element to Hex 28802D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28802D }
```

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

```
.background{ background-color:#28802D }
```

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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