

Converting Colors

Hex(2D8C6E)

Have a look what the booklet for
Hex(2D8C6E) contains.

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Color

Hex(2D8C6E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2D8C6E |
| RGB | 45, 140, 110 |
| RGB Percent | 18%, 55%, 43% |
| CMY | 0.8235, 0.4510, 0.5686 |
| CMYK | 0.68, 0.00, 0.21, 0.45 |
| HSL | 161°, 51%, 36% |
| HSV | 161°, 68%, 55% |
| XYZ | 13.2747, 20.4398, 17.9975 |
| YIQ | 108.1750, -46.9900, -29.4700 |

Conversions

Conversions Part 2

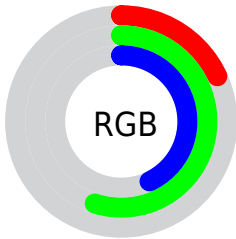
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 45, 101, 140 |
| Decimal | 2985070 |
| CIELab | 52.33, -35.11, 8.05 |
| CIElCh | 52, 36.024, 167.086 |
| Yxy | 20.4398, 0.2567, 0.3953 |
| Android (android.graphics.Color) | 4281175150 (0xFF2D8C6E) |
| YUV | 108.1750, 0.8997, -55.4045 |
| Hunter-Lab | 45.2104, -26.7069, 8.0450 |

Details

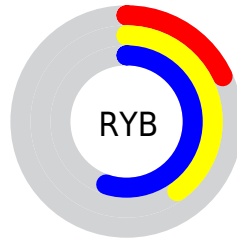
The Hex color **2D8C6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C2D4B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **67C2A2**, and **00593E** is the 20% darker color. If you saturate the color by 10%, you get **1F8C6A**, and if you desaturate by 10%, it is **3B8C72**.

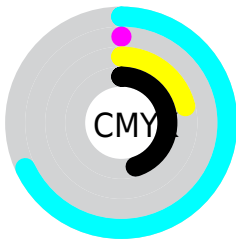
Distribution



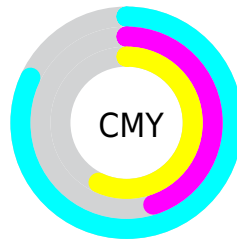
- Red (18%)
- Green (55%)
- Blue (43%)



- Red (18%)
- Yellow (40%)
- Blue (55%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8C6E 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 2D8C6E by changing the saturation by 10% instead.

 2D8C6E

 2D8C6E

FFFFFF

 017256

 67C2A2

 00593E

 83DEBD

 004129

 9FFBD8

 002A14

 BBFFF5

 000F00

 D8FFF5

 000000

 F5FFF5

 2D8C6E

 2D8C6E

 1F8C6A

 3B8C72

■ 118C65

■ 498C77

■ 038C61

■ 578C7B

■ 008C60

■ 658C80

■ 738C84

■ 818C89

■ 8F8C8D

■ 9D8C91

■ AB8C96

Harmonies

Analogous

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



5B8851



2D8C6E



008D8E

Triad

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



2D8C6E



6B7AB8



B06B51

Complementary

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



2D8C6E



8C2D4B

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.



B8646C



2D8C6E



966EA7

Square

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



2D8C6E



2984B9



B0658C



9B7640

Rectangle

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



2D8C6E



008CA1



B0658C



B46859

Sweetspot

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



2D8C6E



91B5AA



4B8C2D



465C55



DBDBDB



5C5C5C

Same Dimension

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



2D8C6E



22B587



2D7B8C



3E4543



00855B



000503

Inverse Universe

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



8C2D4B



B52251



8C3E2D



453E40



85002A



050002

Previews

White Background



This preview shows how the Hex color 2D8C6E looks on a white background.

Color Contrast Check

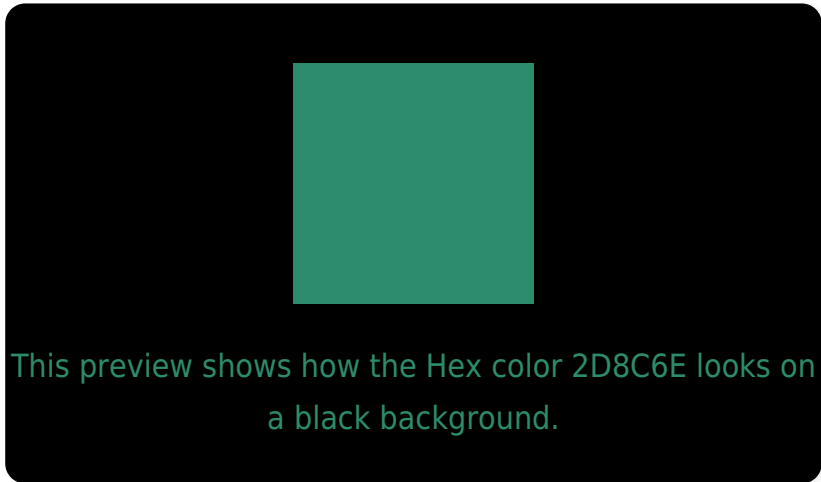
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

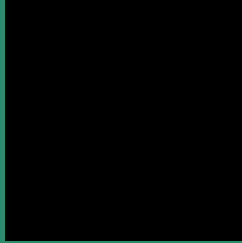
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D8C6E Background



This preview shows how black text looks on a background with the Hex color 2D8C6E.



This preview shows how white text looks on a background with the Hex color 2D8C6E.

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



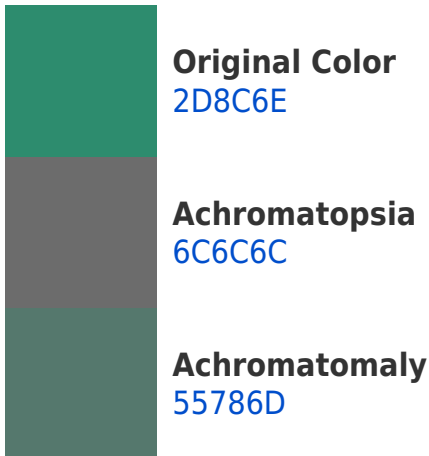


Tritanopia
3C8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8C6E 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 #2D8C6E looks like.

```
.text, #text, p{  
    color:#2D8C6E  
}
```

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 #2D8C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8C6E
}
```

Border

The CSS property to change the border of an element to Hex 2D8C6E 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
#2D8C6E }
```

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

```
.border{ border-color:#2D8C6E }
```

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

Here you see how a box with a 4 pixel #2D8C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8C6E; -webkit-box-shadow:4px 4px  
4px 4px #2D8C6E; box-shadow:4px 4px 4px  
4px #2D8C6E }
```

Background

The CSS property to change the background color of an element to Hex 2D8C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8C6E }
```

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

```
.background{ background-color:#2D8C6E }
```

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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