

Converting Colors

Hex(2D8E63)

Have a look what the booklet for
Hex(2D8E63) contains.

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Color

Hex(2D8E63)

Conversions

Conversions Part 1

Format	Color
Hex	2D8E63
RGB	45, 142, 99
RGB Percent	18%, 56%, 39%
CMY	0.8235, 0.4431, 0.6118
CMYK	0.68, 0.00, 0.30, 0.44
HSL	153°, 52%, 37%
HSV	153°, 68%, 56%
XYZ	13.0073, 20.8047, 15.1345
YIQ	108.0950, -44.0090, -33.9370

Conversions

Conversions Part 2

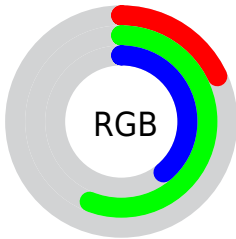
Format	Color
R_{YB}	45, 107, 142
Decimal	2985571
CIE _{Lab}	52.74, -38.61, 14.91
CIE _{LCh}	53, 41.386, 158.888
Yxy	20.8047, 0.2657, 0.4250
Android (android.graphics.Color)	4281175651 (0xFF2D8E63)
YUV	108.0950, -4.4838, -55.3343
Hunter-Lab	45.6122, -28.9182, 12.2556

Details

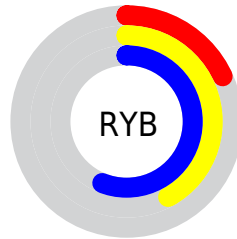
The Hex color **2D8E63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E2D58**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **67C496**, and **005B34** is the 20% darker color. If you saturate the color by 10%, you get **1F8E5D**, and if you desaturate by 10%, it is **3B8E69**.

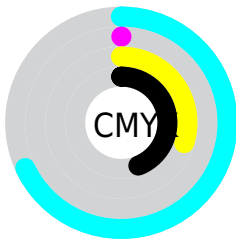
Distribution



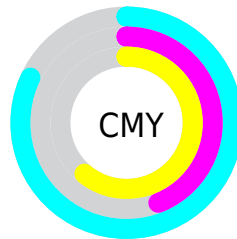
- Red (18%)
- Green (56%)
- Blue (39%)



- Red (18%)
- Yellow (42%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8E63 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 2D8E63 by changing the saturation by 10% instead.



2D8E63



2D8E63

FFFFFF



00744B



67C496



005B34



83E1B1



00421F



9FFECC



002C08



BBFFE8



001100



D8FFFF



000000



F6FFFF



2D8E63



2D8E63



1F8E5D



3B8E69

■ 118E56

■ 498E70

■ 028E50

■ 588E76

■ 008E4F

■ 668E7C

■ 748E82

■ 828E89

■ 908E8F

■ 9F8E95

■ AD8E9C

Harmonies

Analogous

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



628944



2D8E63



009088

Triad

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



2D8E63



547EC4



BB6653

Complementary

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



2D8E63



8E2D58

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.



C06075



2D8E63



8E70B5

Square

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



2D8E63



0088C0



B26498



A7733B

Rectangle

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



2D8E63



008F9F



B26498



BF635D

Sweetspot

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



2D8E63



93B8A7



598E2D



465C52



DBDBDB



5C5C5C

Same Dimension

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



2D8E63



21B875



2D898E



404744



00874B



000804

Inverse Universe

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



8E2D58



B82164



8E322D



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 2D8E63 looks on a white background.

Color Contrast Check

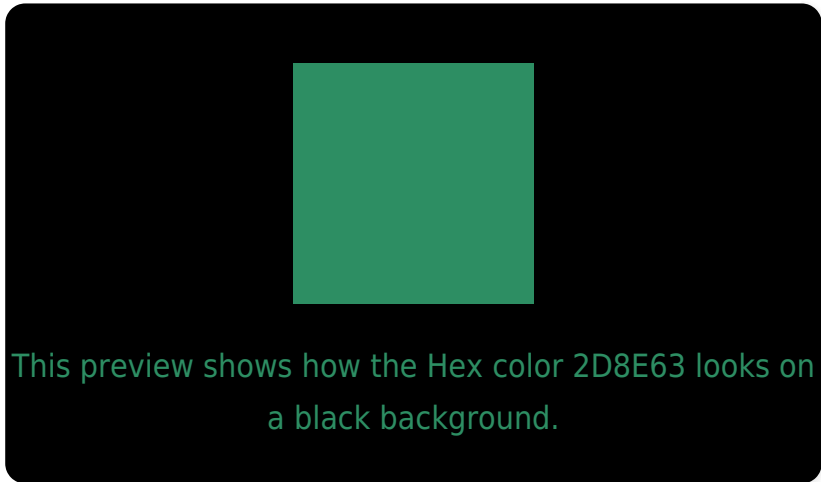
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D8E63 Background



This preview shows how black text looks on a background with the Hex color 2D8E63.



This preview shows how white text looks on a background with the Hex color 2D8E63.

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
2D8E63

Protanopia
867D5B

Deuteranopia
917868



Tritanopia
408893

Trichromacy



Original Color
2D8E63



Protanomaly
66835E



Deuteranomaly
6D8066



Tritanomaly
398A82

Monochromacy



Original Color
2D8E63



Achromatopsia
6C6C6C



Achromatomaly
557869

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8E63 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 #2D8E63 looks like.

```
.text, #text, p{  
    color:#2D8E63  
}
```

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 #2D8E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8E63
}
```

Border

The CSS property to change the border of an element to Hex 2D8E63 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
#2D8E63 }
```

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

```
.border{ border-color:#2D8E63 }
```

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

Here you see how a box with a 4 pixel #2D8E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8E63; -webkit-box-shadow:4px 4px  
4px 4px #2D8E63; box-shadow:4px 4px 4px  
4px #2D8E63 }
```

Background

The CSS property to change the background color of an element to Hex 2D8E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8E63 }
```

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

```
.background{ background-color:#2D8E63 }
```

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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