

Converting Colors

Hex(2C8A63)

Have a look what the booklet for
Hex(2C8A63) contains.

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Color

Hex(2C8A63)

Conversions

Conversions Part 1

Format	Color
Hex	2C8A63
RGB	44, 138, 99
RGB Percent	17%, 54%, 39%
CMY	0.8275, 0.4588, 0.6118
CMYK	0.68, 0.00, 0.28, 0.46
HSL	155°, 52%, 36%
HSV	155°, 68%, 54%
XYZ	12.3793, 19.6133, 14.9377
YIQ	105.4480, -43.5050, -32.0570

Conversions

Conversions Part 2

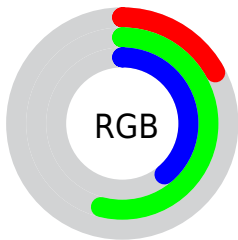
Format	Color
R_{YB}	44, 103, 138
Decimal	2919011
CIE _{Lab}	51.40, -37.06, 13.05
CIE _{LCh}	51, 39.288, 160.597
Yxy	19.6133, 0.2638, 0.4179
Android (android.graphics.Color)	4281109091 (0xFF2C8A63)
YUV	105.4480, -3.1789, -53.8899
Hunter-Lab	44.2869, -27.6067, 11.0027

Details

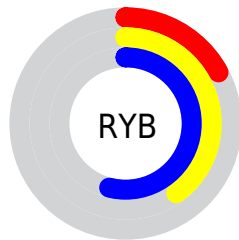
The Hex color **2C8A63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A2C53**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65C096**, and **005734** is the 20% darker color. If you saturate the color by 10%, you get **1E8A5D**, and if you desaturate by 10%, it is **3A8A69**.

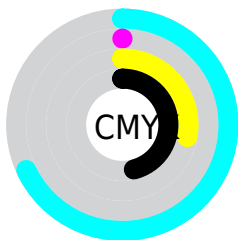
Distribution



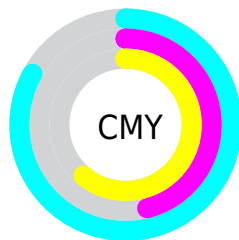
- Red (17%)
- Green (54%)
- Blue (39%)



- Red (17%)
- Yellow (40%)
- Blue (54%)



- Cyan (68%)
- Magenta (0%)
- Yellow (28%)
- Black (46%)



- Cyan (83%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8A63 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 2C8A63 by changing the saturation by 10% instead.



2C8A63



2C8A63

FFFFFF



00704B



65C096



005734



81DCB1



003F1F



9DF9CC



002908



B9FFE8



000A00



D6FFFF



000000



F4FFFF



2C8A63



2C8A63



1E8A5D



3A8A69

■ 108A58

■ 488A6E

■ 038A52

■ 558A74

■ 008A51

■ 638A7A

■ 718A80

■ 7F8A85

■ 8D8A8B

■ 9A8A91

■ A88A97

Harmonies

Analogous

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



5E8546



2C8A63



008C86

Triad

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



2C8A63



587ABC



B46550

Complementary

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



2C8A63



8A2C53

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.



BA5E70



2C8A63



8D6DAE

Square

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



2C8A63



0084B9



AD6292



A1713B

Rectangle

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



2C8A63



008B9C



AD6292



B8625A

Sweetspot

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



2C8A63



8FB3A4



538A2C



445950



D9D9D9



595959

Same Dimension

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



2C8A63



20B376



2C828A



3E4542



00854E



000503

Inverse Universe

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



8A2C53



B3205D



8A342C



453E41



850037



050002

Previews

White Background



This preview shows how the Hex color 2C8A63 looks on a white background.

Color Contrast Check

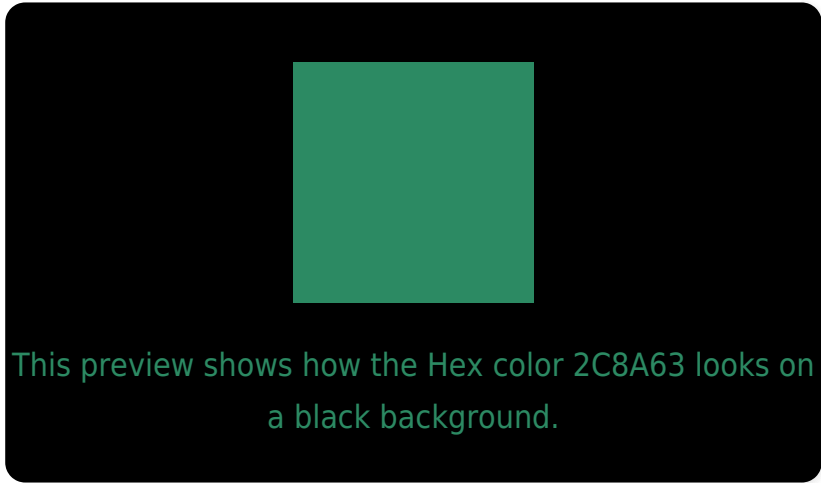
Large Text (above 18pt) WCAG AA ✓ Pass

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

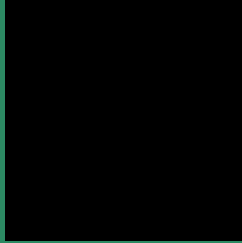
Any Text WCAG AA ✓ Pass

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 2C8A63 Background



This preview shows how black text looks on a background with the Hex color 2C8A63.

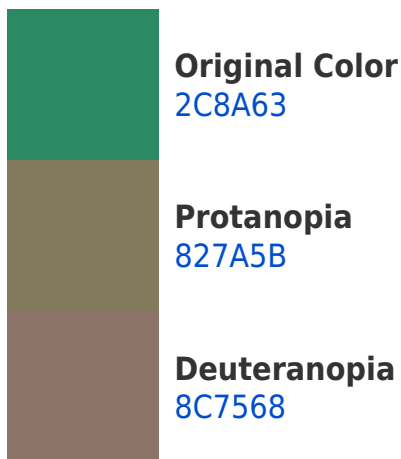


This preview shows how white text looks on a background with the Hex color 2C8A63.

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
3D848F

Trichromacy



Original Color
2C8A63



Protanomaly
63805E



Deuteranomaly
697D66



Tritanomaly
37867F

Monochromacy



Original Color
2C8A63



Achromatopsia
696969



Achromatomaly
537567

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8A63 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 #2C8A63 looks like.

```
.text, #text, p{  
    color:#2C8A63  
}
```

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 #2C8A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8A63
}
```

Border

The CSS property to change the border of an element to Hex 2C8A63 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".

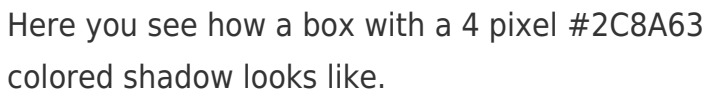
```
.border, #border, table{ border:4px solid
#2C8A63 }
```

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

```
.border{ border-color:#2C8A63 }
```

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

Here you see how a box with a 4 pixel #2C8A63 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8A63; -webkit-box-shadow:4px 4px  
4px 4px #2C8A63; box-shadow:4px 4px 4px  
4px #2C8A63 }
```

Background

The CSS property to change the background color of an element to Hex 2C8A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8A63 }
```

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

```
.background{ background-color:#2C8A63 }
```

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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