

Converting Colors

Hex(2C8A5D)

Have a look what the booklet for
Hex(2C8A5D) contains.

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Color

Hex(2C8A5D)

Conversions

Conversions Part 1

Format	Color
Hex	2C8A5D
RGB	44, 138, 93
RGB Percent	17%, 54%, 36%
CMY	0.8275, 0.4588, 0.6353
CMYK	0.68, 0.00, 0.33, 0.46
HSL	151°, 52%, 36%
HSV	151°, 68%, 54%
XYZ	12.1030, 19.5027, 13.4824
YIQ	104.7640, -41.5790, -33.9230

Conversions

Conversions Part 2

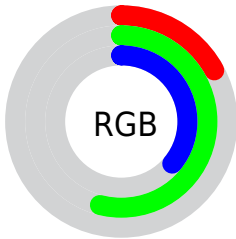
Format	Color
R_{YB}	44, 106, 138
Decimal	2919005
CIE _{Lab}	51.27, -38.41, 16.30
CIE _{LCh}	51, 41.724, 157.008
Yxy	19.5027, 0.2684, 0.4325
Android (android.graphics.Color)	4281109085 (0xFF2C8A5D)
YUV	104.7640, -5.7997, -53.2900
Hunter-Lab	44.1619, -28.3638, 12.8124

Details

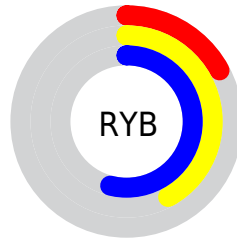
The Hex color **2C8A5D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A2C59**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **65C090**, and **00572F** is the 20% darker color. If you saturate the color by 10%, you get **1E8A56**, and if you desaturate by 10%, it is **3A8A64**.

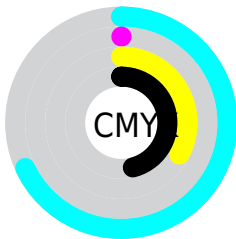
Distribution



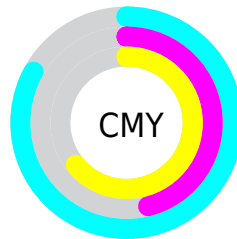
- Red (17%)
- Green (54%)
- Blue (36%)



- Red (17%)
- Yellow (42%)
- Blue (54%)



- Cyan (68%)
- Magenta (0%)
- Yellow (33%)
- Black (46%)



- Cyan (83%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8A5D 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 2C8A5D by changing the saturation by 10% instead.

 2C8A5D

 2C8A5D

FFFFFF

 007045

 65C090

 00572F

 81DCAA

 003F19

 9DF9C5

 002900

 B9FFE1

 000900

 D6FFFE

 000000

 F3FFFF

 2C8A5D

 2C8A5D

 1E8A56

 3A8A64

■ 108A50

■ 488A6A

■ 038A49

■ 558A71

■ 008A48

■ 638A77

■ 718A7E

■ 7F8A85

■ 8D8A8B

■ 9A8A92

■ A88A98

Harmonies

Analogous

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



61843F



2C8A5D



008C82

Triad

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



2C8A5D



4A7BC1



B86251

Complementary

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



2C8A5D



8A2C59

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.



BC5B73



2C8A5D



886DB3

Square

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



2C8A5D



0085BB



AD6097



A56E38

Rectangle

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



2C8A5D



008C99



AD6097



BC5E5C

Sweetspot

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



2C8A5D



8FB3A1



598A2C



44594F



D9D9D9



595959

Same Dimension

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



2C8A5D



20B36C



2C888A



3E4542



008545



000503

Inverse Universe

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



8A2C59



B32066



8A2E2C



453E41



85003F



050002

Previews

White Background



This preview shows how the Hex color 2C8A5D looks on a white background.

Color Contrast Check

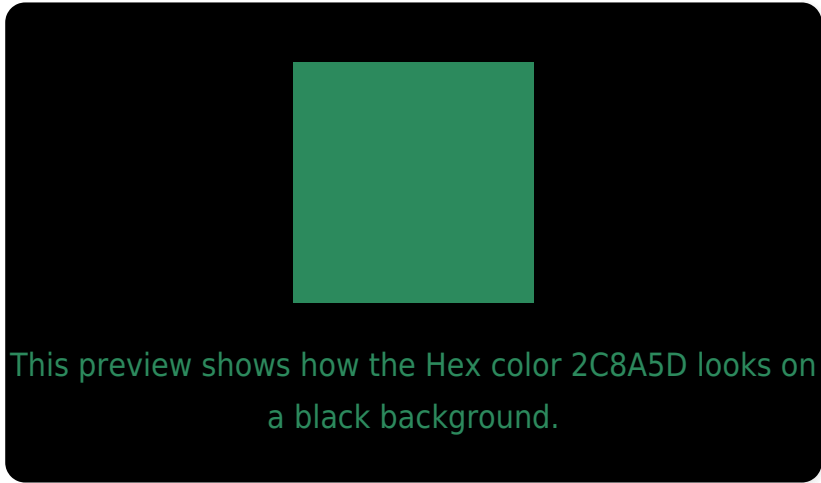
Large Text (above 18pt) WCAG AA ✓ Pass

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

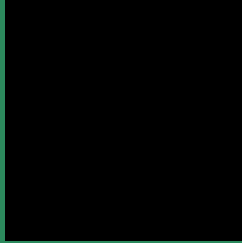
Any Text WCAG AA ✓ Pass

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 2C8A5D Background



This preview shows how black text looks on a background with the Hex color 2C8A5D.



This preview shows how white text looks on a background with the Hex color 2C8A5D.

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
2C8A5D

Protanopia
837956

Deuteranopia
8D7562



Tritanopia
3F848E

Trichromacy



Original Color
2C8A5D



Protanomaly
637F59



Deuteranomaly
6A7D60



Tritanomaly
38867C

Monochromacy



Original Color
2C8A5D



Achromatopsia
696969



Achromatomaly
537565

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8A5D 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 #2C8A5D looks like.

```
.text, #text, p{  
    color:#2C8A5D  
}
```

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 #2C8A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8A5D
}
```

Border

The CSS property to change the border of an element to Hex 2C8A5D 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
#2C8A5D }
```

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

```
.border{ border-color:#2C8A5D }
```

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

Here you see how a box with a 4 pixel #2C8A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8A5D; -webkit-box-shadow:4px 4px  
4px 4px #2C8A5D; box-shadow:4px 4px 4px  
4px #2C8A5D }
```

Background

The CSS property to change the background color of an element to Hex 2C8A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8A5D }
```

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

```
.background{ background-color:#2C8A5D }
```

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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