

# Converting Colors

Hex(2C8C6C)

Have a look what the booklet for  
Hex(2C8C6C) contains.

<b>Hex(2C8C6C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2C8C6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C8C6C
RGB	44, 140, 108
RGB Percent	17%, 55%, 42%
CMY	0.8275, 0.4510, 0.5765
CMYK	0.69, 0.00, 0.23, 0.45
HSL	160°, 52%, 36%
HSV	160°, 69%, 55%
XYZ	13.1236, 20.3743, 17.4283
YIQ	107.6480, -46.9440, -30.3040

# Conversions

## Conversions Part 2

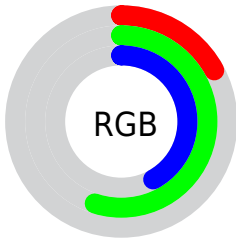
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 102, 140
Decimal	2919532
CIE <sub>Lab</sub>	52.26, -35.79, 9.09
CIE <sub>LCh</sub>	52, 36.923, 165.741
Yxy	20.3743, 0.2577, 0.4001
Android (android.graphics.Color)	4281109612 (0xFF2C8C6C)
YUV	107.6480, 0.1735, -55.8193
Hunter-Lab	45.1380, -27.0937, 8.7040

# Details

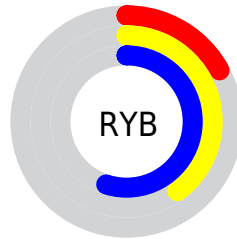
The Hex color **2C8C6C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C2C4C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **66C29F**, and **00593D** is the 20% darker color. If you saturate the color by 10%, you get **1E8C67**, and if you desaturate by 10%, it is **3A8C71**.

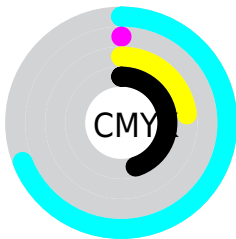
# Distribution



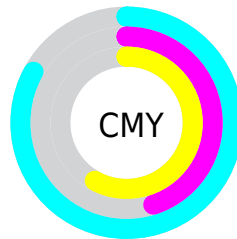
- Red (17%)
- Green (55%)
- Blue (42%)



- Red (17%)
- Yellow (40%)
- Blue (55%)



- Cyan (69%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)



- Cyan (83%)
- Magenta (45%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C8C6C 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 2C8C6C by changing the saturation by 10% instead.



 2C8C6C

 2C8C6C

FFFFFF

 007254

 66C29F

 00593D

 82DEBA

 004127

 9EFBD6

 002A12

 BAFFF3

 000F00

 D7FFFF

 000000

 F5FFFF

 2C8C6C

 2C8C6C

 1E8C67

 3A8C71

■ 108C63

■ 488C75

■ 028C5E

■ 568C7A

■ 008C5D

■ 648C7F

■ 728C83

■ 808C88

■ 8E8C8D

■ 9C8C91

■ AA8C96

# Harmonies

## Analogous

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



5C884F



2C8C6C



008D8D

# Triad

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



2C8C6C



677AB9



B26A51

# Complementary

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



2C8C6C



8C2C4C

# 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.



B9636D



2C8C6C



956EA9

# Square

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



2C8C6C



1E84BA



B0658D



9D763F

# Rectangle

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



2C8C6C



008CA1



B0658D



B66759



# Sweetspot

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



2C8C6C



8FB5A8



4C8C2C



455C54



DBDBDB



5C5C5C



# Same Dimension

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



2C8C6C



21B584



2C7C8C



3E4543



008558



000503



# Inverse Universe

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



8C2C4C



B52152



8C3C2C



453E40



85002C



050002



# Previews

## White Background



This preview shows how the Hex color 2C8C6C looks on a white background.

## Color Contrast Check

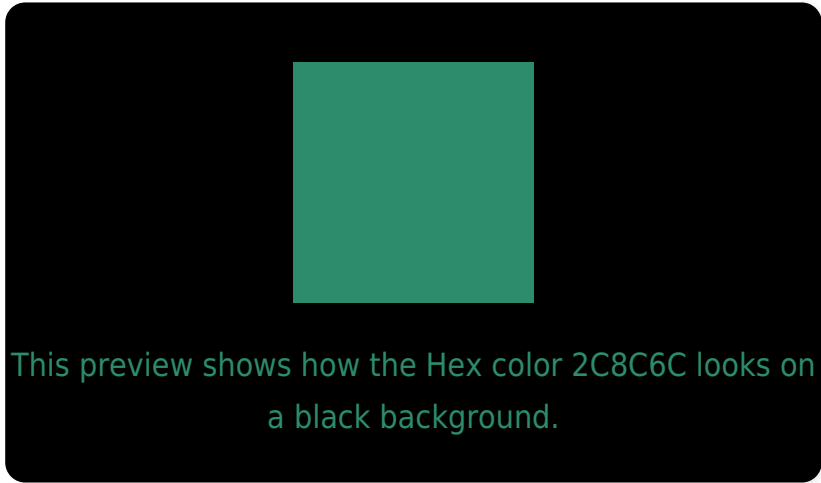
Large Text (above 18pt) WCAG AA ✓ Pass

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

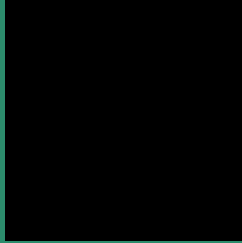
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C8C6C Background



This preview shows how black text looks on a background with the Hex color 2C8C6C.



This preview shows how white text looks on a background with the Hex color 2C8C6C.

# 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



**Original Color**  
2C8C6C



**Protanomaly**  
638267



**Deuteranomaly**  
697F6F



**Tritanomaly**  
368984

# Monochromacy



**Original Color**  
2C8C6C



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
55786C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C8C6C 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 #2C8C6C looks like.

```
.text, #text, p{  
    color:#2C8C6C  
}
```

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 #2C8C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8C6C
}
```

## Border

The CSS property to change the border of an element to Hex 2C8C6C 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
#2C8C6C }
```

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

```
.border{ border-color:#2C8C6C }
```

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

Here you see how a box with a 4 pixel #2C8C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8C6C; -webkit-box-shadow:4px 4px  
4px 4px #2C8C6C; box-shadow:4px 4px 4px  
4px #2C8C6C }
```

# Background

The CSS property to change the background color of an element to Hex 2C8C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8C6C }
```

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

```
.background{ background-color:#2C8C6C }
```

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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