

Converting Colors

Hex(298A69)

Have a look what the booklet for
Hex(298A69) contains.

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Color

Hex(298A69)

Conversions

Conversions Part 1

Format	Color
Hex	298A69
RGB	41, 138, 105
RGB Percent	16%, 54%, 41%
CMY	0.8392, 0.4588, 0.5882
CMYK	0.70, 0.00, 0.24, 0.46
HSL	160°, 54%, 35%
HSV	160°, 70%, 54%
XYZ	12.5527, 19.6683, 16.4994
YIQ	105.2350, -47.2190, -30.8270

Conversions

Conversions Part 2

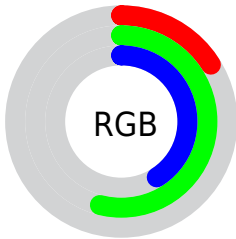
Format	Color
RYB	41, 99, 138
Decimal	2722409
CIELab	51.46, -36.15, 9.68
CIElCh	51, 37.425, 165.004
Yxy	19.6683, 0.2576, 0.4037
Android (android.graphics.Color)	4280912489 (0xFF298A69)
YUV	105.2350, -0.1159, -56.3341
Hunter-Lab	44.3490, -27.0872, 8.9863

Details

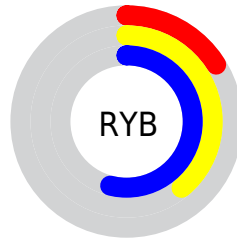
The Hex color **298A69** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A294A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **63C09C**, and **00573A** is the 20% darker color. If you saturate the color by 10%, you get **1B8A64**, and if you desaturate by 10%, it is **378A6E**.

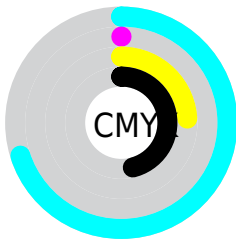
Distribution



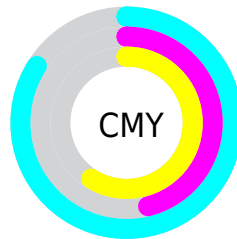
- Red (16%)
- Green (54%)
- Blue (41%)



- Red (16%)
- Yellow (39%)
- Blue (54%)



- Cyan (70%)
- Magenta (0%)
- Yellow (24%)
- Black (46%)



- Cyan (84%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298A69 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 298A69 by changing the saturation by 10% instead.



298A69



298A69

FFFFFF



007051



63C09C



00573A



7FDCB7



003F24



9BF9D3



00290F



B8FFE9



000A00



D5FFFF



000000



F2FFFF



298A69



298A69



1B8A64



378A6E

 0D8A60

 458A72

 008A5B

 528A77

 608A7C

 6E8A80

 7C8A85

 8A8A8A

 978A8F

 A58A93

Harmonies

Analogous

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



5B864C



298A69



008B8A

Triad

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



298A69



6378B8



B0684F

Complementary

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



298A69



8A294A

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.



B7616C



298A69



926CA8

Square

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



298A69



0E83B8



AE628C



9C733C

Rectangle

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



298A69



008A9E



AE628C



B46558

Sweetspot

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



298A69



8DB3A6



4B8A29



435952



D9D9D9



595959

Same Dimension

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



298A69



1DB37F



297B8A



3E4543



008557



000503

Inverse Universe

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



8A294A



B31D50



8A3829



453E40



85002D



050002

Previews

White Background



This preview shows how the Hex color 298A69 looks on a white background.

Color Contrast Check

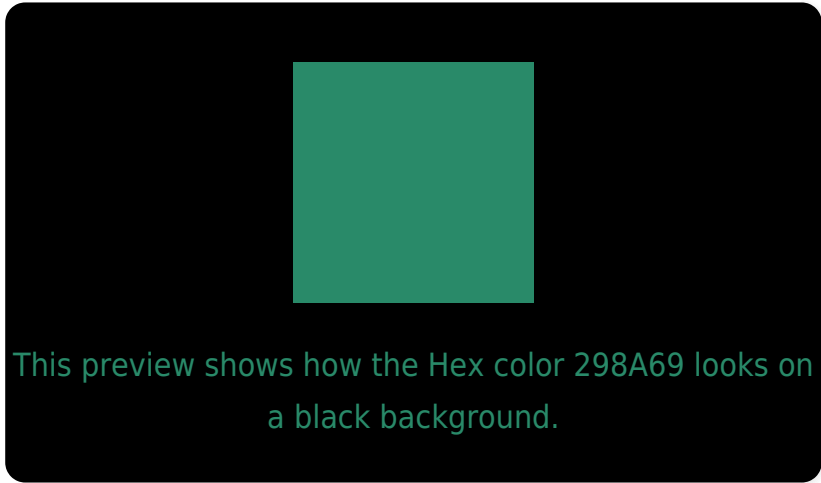
Large Text (above 18pt) WCAG AA ✓ Pass

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

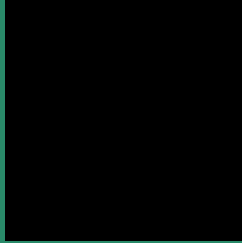
Any Text WCAG AA ✓ Pass

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 298A69 Background



This preview shows how black text looks on a background with the Hex color 298A69.



This preview shows how white text looks on a background with the Hex color 298A69.

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
298A69

Protanopia
817A61

Deuteranopia
8A756D



Tritanopia
3A8590

Trichromacy



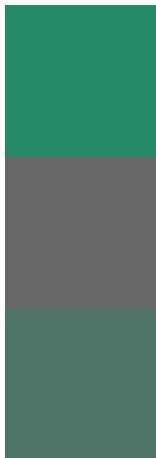
Original Color
298A69

Protanomaly
618064

Deuteranomaly
677D6C

Tritanomaly
348782

Monochromacy



Original Color
298A69

Achromatopsia
696969

Achromatomaly
527569

CSS Examples

Text

The CSS property to change the color of the text to Hex 298A69 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 #298A69 looks like.

```
.text, #text, p{  
    color:#298A69  
}
```

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 #298A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298A69
}
```

Border

The CSS property to change the border of an element to Hex 298A69 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
#298A69 }
```

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

```
.border{ border-color:#298A69 }
```

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

Here you see how a box with a 4 pixel #298A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298A69; -webkit-box-shadow:4px 4px  
4px 4px #298A69; box-shadow:4px 4px 4px  
4px #298A69 }
```

Background

The CSS property to change the background color of an element to Hex 298A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298A69 }
```

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

```
.background{ background-color:#298A69 }
```

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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