

Converting Colors

Hex(298A5A)

Have a look what the booklet for
Hex(298A5A) contains.

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Color

Hex(298A5A)

Conversions

Conversions Part 1

Format	Color
Hex	298A5A
RGB	41, 138, 90
RGB Percent	16%, 54%, 35%
CMY	0.8392, 0.4588, 0.6471
CMYK	0.70, 0.00, 0.35, 0.46
HSL	150°, 54%, 35%
HSV	150°, 70%, 54%
XYZ	11.8484, 19.3866, 12.7904
YIQ	103.5250, -42.4040, -35.4920

Conversions

Conversions Part 2

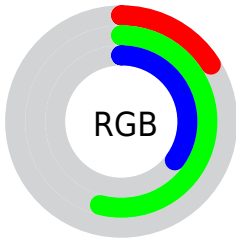
Format	Color
RYB	41, 105, 138
Decimal	2722394
CIELab	51.14, -39.61, 17.80
CIELCh	51, 43.426, 155.798
Yxy	19.3866, 0.2691, 0.4404
Android (android.graphics.Color)	4280912474 (0xFF298A5A)
YUV	103.5250, -6.6678, -54.8344
Hunter-Lab	44.0302, -29.0190, 13.5979

Details

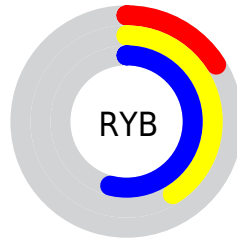
The Hex color **298A5A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A2959**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **63C08C**, and **00572C** is the 20% darker color. If you saturate the color by 10%, you get **1B8A53**, and if you desaturate by 10%, it is **378A61**.

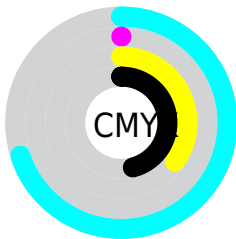
Distribution



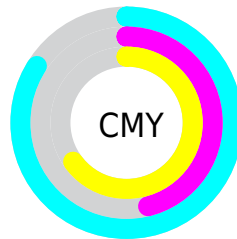
- Red (16%)
- Green (54%)
- Blue (35%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (46%)



- Cyan (84%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298A5A 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 298A5A by changing the saturation by 10% instead.



298A5A



298A5A

FFFFFF



007042



63C08C



00572C



7FDCA7



003F16



9BF9C2



002900



B7FFDE



000800



D4FFFB



000000



F2FFFF



298A5A



298A5A



1B8A53



378A61

 0D8A4C

 458A68

 008A46

 528A6E

 608A75

 6E8A7C

 7C8A83

 8A8A8A

 978A91

 A58A97

Harmonies

Analogous

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



61843B



298A5A



008C80

Triad

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



298A5A



427BC4



BB6050

Complementary

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



298A5A



8A2959

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.



BE5974



298A5A



866DB6

Square

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



298A5A



0086BD



AD5F99



A76D35

Rectangle

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



298A5A



008C99



AD5F99



BE5C5C

Sweetspot

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



298A5A



8DB3A0



5A8A29



43594E



D9D9D9



595959

Same Dimension

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



298A5A



1DB368



298A8A



3E4541



008543



000503

Inverse Universe

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



8A2959



B31D67



8A2929



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 298A5A looks on a white background.

Color Contrast Check

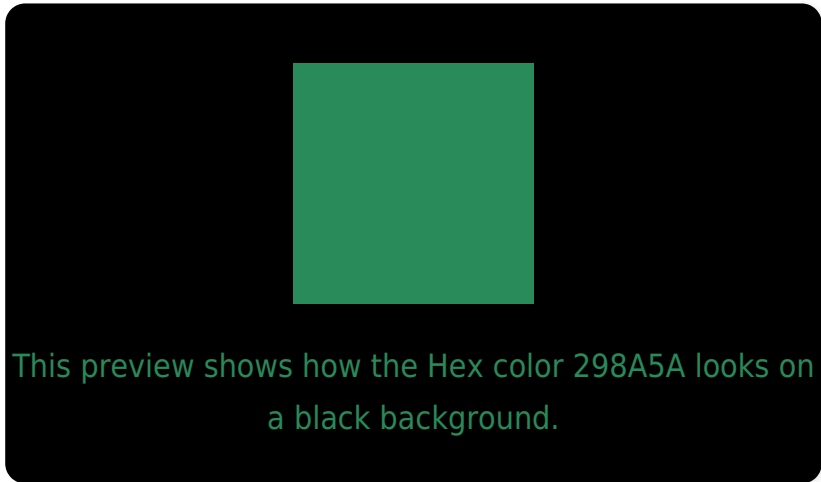
Large Text (above 18pt) WCAG AA ✓ Pass

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

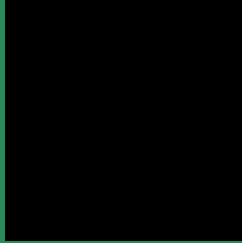
Any Text WCAG AA ✓ Pass

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 298A5A Background



This preview shows how black text looks on a background with the Hex color 298A5A.



This preview shows how white text looks on a background with the Hex color 298A5A.

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
3D848E

Trichromacy



Original Color
298A5A



Protanomaly
627F56



Deuteranomaly
697C5D



Tritanomaly
36867B

Monochromacy



Original Color
298A5A



Achromatopsia
686868



Achromatomaly
517463

CSS Examples

Text

The CSS property to change the color of the text to Hex 298A5A 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 #298A5A looks like.

```
.text, #text, p{  
    color:#298A5A  
}
```

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 #298A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298A5A
}
```

Border

The CSS property to change the border of an element to Hex 298A5A 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
#298A5A }
```

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

```
.border{ border-color:#298A5A }
```

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

Here you see how a box with a 4 pixel #298A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298A5A; -webkit-box-shadow:4px 4px  
4px 4px #298A5A; box-shadow:4px 4px 4px  
4px #298A5A }
```

Background

The CSS property to change the background color of an element to Hex 298A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298A5A }
```

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

```
.background{ background-color:#298A5A }
```

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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