

Converting Colors

Hex(298E3A)

Have a look what the booklet for
Hex(298E3A) contains.

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Color

Hex(298E3A)

Conversions

Conversions Part 1

Format	Color
Hex	298E3A
RGB	41, 142, 58
RGB Percent	16%, 56%, 23%
CMY	0.8392, 0.4431, 0.7725
CMYK	0.71, 0.00, 0.59, 0.44
HSL	130°, 55%, 36%
HSV	130°, 71%, 56%
XYZ	11.3512, 20.1229, 7.2888
YIQ	102.2250, -33.2320, -47.5360

Conversions

Conversions Part 2

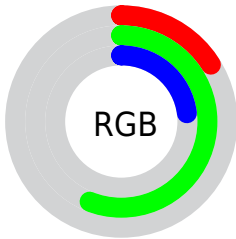
Format	Color
R_{YB}	41, 127, 142
Decimal	2723386
CIE _{Lab}	51.98, -46.77, 35.99
CIE _{LCh}	52, 59.017, 142.420
Yxy	20.1229, 0.2928, 0.5191
Android (android.graphics.Color)	4280913466 (0xFF298E3A)
YUV	102.2250, -21.8029, -53.6943
Hunter-Lab	44.8586, -33.3342, 21.7673

Details

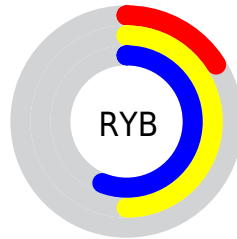
The Hex color **298E3A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E297D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **65C56C**, and **005A07** is the 20% darker color. If you saturate the color by 10%, you get **1B8E2E**, and if you desaturate by 10%, it is **378E46**.

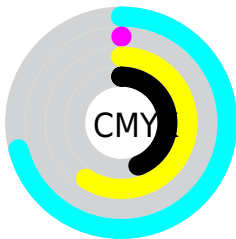
Distribution



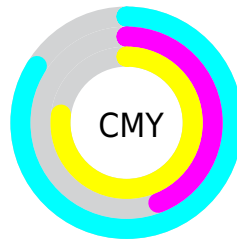
- Red (16%)
- Green (56%)
- Blue (23%)



- Red (16%)
- Yellow (50%)
- Blue (56%)



- Cyan (71%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298E3A 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 298E3A by changing the saturation by 10% instead.

 298E3A

 298E3A

FFFFFF

 007422

 65C56C

 005A07

 81E186

 004200

 9DFEA0

 002C00

 BAFFBC

 000D00

 D7FFD8

 000000

 F4FFF5

 298E3A

 298E3A

 1B8E2E

 378E46

■ 0D8E22

■ 458E52

■ 008E18

■ 548E5D

■ 628E69

■ 708E75

■ 7E8E81

■ 8C8E8D

■ 9B8E98

■ A98EA4

Harmonies

Analogous

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



708509



298E3A



00936D

Triad

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



298E3A



0086E0



D54C59

Complementary

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



298E3A



8E297D

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.



D04A8B



298E3A



6174DA

Square

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



298E3A



0090CB



AC5DBA



C3602B

Rectangle

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



298E3A



009390



AC5DBA



D64969

Sweetspot

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



298E3A



91B898



7D8E29



455C49



DBDBDB



5C5C5C

Same Dimension

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



298E3A



1CB836



298E6C



404741



008717



000801

Inverse Universe

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



8E297D



B81C9D



8E294B



474046



870070



080006

Previews

White Background



This preview shows how the Hex color 298E3A looks on a white background.

Color Contrast Check

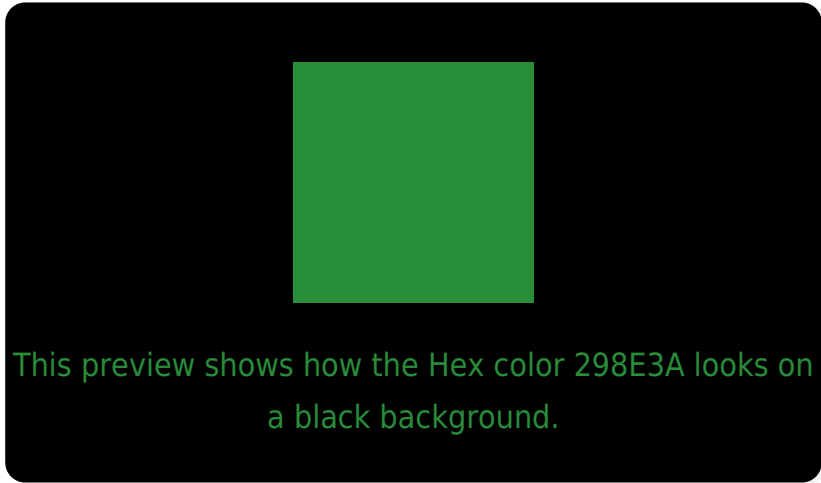
Large Text (above 18pt) WCAG AA ✓ Pass

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 298E3A Background



This preview shows how black text looks on a background with the Hex color 298E3A.



This preview shows how white text looks on a background with the Hex color 298E3A.

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
448590

Trichromacy



Original Color
298E3A



Protanomaly
668236



Deuteranomaly
6F7E3E



Tritanomaly
3A8871

Monochromacy



Original Color
298E3A



Achromatopsia
666666



Achromatomaly
507556

CSS Examples

Text

The CSS property to change the color of the text to Hex 298E3A 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 #298E3A looks like.

```
.text, #text, p{  
    color:#298E3A  
}
```

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 #298E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298E3A
}
```

Border

The CSS property to change the border of an element to Hex 298E3A 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
#298E3A }
```

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

```
.border{ border-color:#298E3A }
```

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

Here you see how a box with a 4 pixel #298E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298E3A; -webkit-box-shadow:4px 4px  
4px 4px #298E3A; box-shadow:4px 4px 4px  
4px #298E3A }
```

Background

The CSS property to change the background color of an element to Hex 298E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298E3A }
```

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

```
.background{ background-color:#298E3A }
```

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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