

Converting Colors

Hex(298F2E)

Have a look what the booklet for
Hex(298F2E) contains.

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Color

Hex(298F2E)

Conversions

Conversions Part 1

Format	Color
Hex	298F2E
RGB	41, 143, 46
RGB Percent	16%, 56%, 18%
CMY	0.8392, 0.4392, 0.8196
CMYK	0.71, 0.00, 0.68, 0.44
HSL	123°, 55%, 36%
HSV	123°, 71%, 56%
XYZ	11.2301, 20.3136, 5.9138
YIQ	101.4440, -29.6550, -51.7910

Conversions

Conversions Part 2

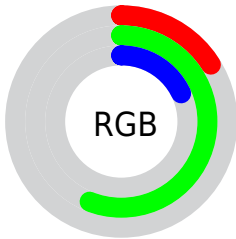
Format	Color
RYB	41, 138, 143
Decimal	2723630
CIELab	52.19, -48.57, 41.83
CIELCh	52, 64.101, 139.267
Yxy	20.3136, 0.2998, 0.5423
Android (android.graphics.Color)	4280913710 (0xFF298F2E)
YUV	101.4440, -27.3339, -53.0094
Hunter-Lab	45.0706, -34.3975, 23.7699

Details

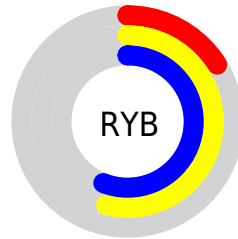
The Hex color **298F2E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F298A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66C661**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **1B8F20**, and if you desaturate by 10%, it is **378F3C**.

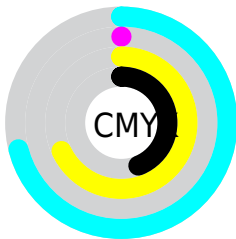
Distribution



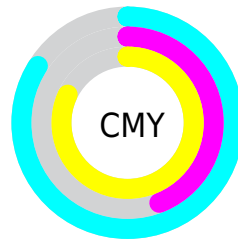
- Red (16%)
- Green (56%)
- Blue (18%)



- Red (16%)
- Yellow (54%)
- Blue (56%)



- Cyan (71%)
- Magenta (0%)
- Yellow (68%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298F2E 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 298F2E by changing the saturation by 10% instead.

 298F2E

 298F2E

FFFFFF

 007513

 66C661

 005B00

 82E27B

 004300

 9EFF95

 002D00

 BBFFB0

 000E00

 D8FFCC

 000000

 F6FFE9

 298F2E

 298F2E

 1B8F20

 378F3C

■ 0C8F13

■ 468F49

■ 008F07

■ 548F57

■ 628F64

■ 718F72

■ 7F8F80

■ 8D8F8D

■ 9B8F9B

■ AA8FA8

Harmonies

Analogous

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



748400



298F2E



009466

Triad

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



298F2E



0089E9



DD445C

Complementary

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



298F2E



8F298A

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.



D44493



298F2E



4E76E5

Square

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



298F2E



0092CF



AA5CC5



CB5B29

Rectangle

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



298F2E



00958D



AA5CC5



DE416E

Sweetspot

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



298F2E



93BA95



8C8F29



475E48



DEDEDE



5E5E5E

Same Dimension

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



298F2E



1ABA22



298F5F



404741



008707



000800

Inverse Universe

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



8F298A



BA1AB2



8F2959



474047



870081



080007

Previews

White Background



This preview shows how the Hex color 298F2E looks on a white background.

Color Contrast Check

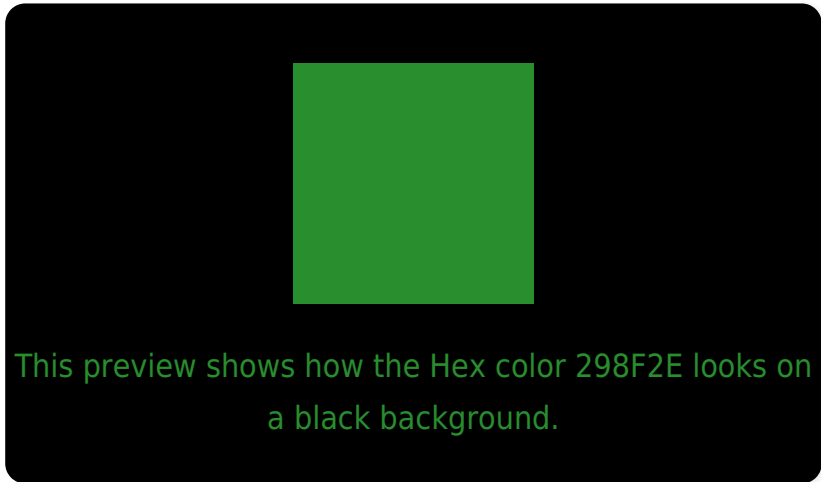
Large Text (above 18pt) WCAG AA ✓ Pass

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

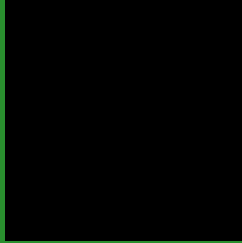
Any Text WCAG AA ✓ Pass

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 298F2E Background



This preview shows how black text looks on a background with the Hex color 298F2E.



This preview shows how white text looks on a background with the Hex color 298F2E.

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
298F2E

Protanopia
8A7C29

Deuteranopia
997636



Tritanopia
458690

Trichromacy



Original Color
298F2E



Protanomaly
67832B



Deuteranomaly
707F33



Tritanomaly
3B896C

Monochromacy



Original Color
298F2E



Achromatopsia
656565



Achromatomaly
4F7451

CSS Examples

Text

The CSS property to change the color of the text to Hex 298F2E 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 #298F2E looks like.

```
.text, #text, p{  
    color:#298F2E  
}
```

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 #298F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298F2E
}
```

Border

The CSS property to change the border of an element to Hex 298F2E 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
#298F2E }
```

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

```
.border{ border-color:#298F2E }
```

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

Here you see how a box with a 4 pixel #298F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298F2E; -webkit-box-shadow:4px 4px  
4px 4px #298F2E; box-shadow:4px 4px 4px  
4px #298F2E }
```

Background

The CSS property to change the background color of an element to Hex 298F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298F2E }
```

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

```
.background{ background-color:#298F2E }
```

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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