

Converting Colors

Hex(298D29)

Have a look what the booklet for
Hex(298D29) contains.

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Color

Hex(298D29)

Conversions

Conversions Part 1

Format	Color
Hex	298D29
RGB	41, 141, 41
RGB Percent	16%, 55%, 16%
CMY	0.8392, 0.4471, 0.8392
CMYK	0.71, 0.00, 0.71, 0.45
HSL	120°, 55%, 36%
HSV	120°, 71%, 55%
XYZ	10.8396, 19.6813, 5.3254
YIQ	99.7000, -27.5000, -52.3000

Conversions

Conversions Part 2

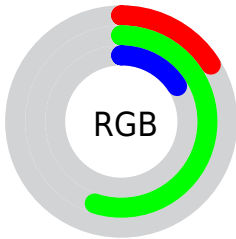
Format	Color
R_{YB}	41, 141, 141
Decimal	2723113
CIE _{Lab}	51.47, -48.37, 43.20
CIE _{LCh}	51, 64.848, 138.234
Y _{xy}	19.6813, 0.3024, 0.5490
Android (android.graphics.Color)	4280913193 (0xFF298D29)
Y _{UV}	99.7000, -28.9391, -51.4799
Hunter-Lab	44.3636, -34.0225, 23.9374

Details

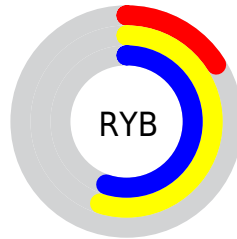
The Hex color **298D29** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8D298D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **65C45C**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **1B8D1B**, and if you desaturate by 10%, it is **378D37**.

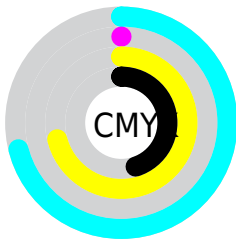
Distribution



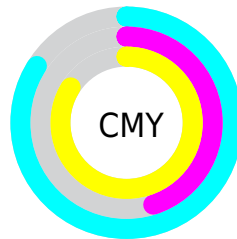
- Red (16%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (16%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298D29 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 298D29 by changing the saturation by 10% instead.

 298D29

 298D29

FFFFFF

 00730C

 65C45C

 005900

 82E076

 004100

 9EFD90

 002B00

 BBFFAC

 000A00

 D8FFC8

 000000

 F6FFE4

 298D29

 298D29

 1B8D1B

 378D37

0D8D0D

458D45

008D00

538D53

618D61

708D70

7E8D7E

8C8D8C

9A8D9A

A88DA8

Harmonies

Analogous

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



748200



298D29



009262

Triad

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



298D29



0088E8



DC405C

Complementary

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



298D29



8D298D

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.



D24293



298D29



4475E5

Square

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



298D29



0091CD



A65BC5



CB5728

Rectangle

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



298D29



009489



A65BC5



DC3D6E

Sweetspot

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



298D29



91B891



8D8D29



455C45



DBDBDB



5C5C5C

Same Dimension

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



298D29



1CB81C



298D5B



404740



008700



000800

Inverse Universe

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



8D298D



B81CB8



8D295B



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 298D29 looks on a white background.

Color Contrast Check

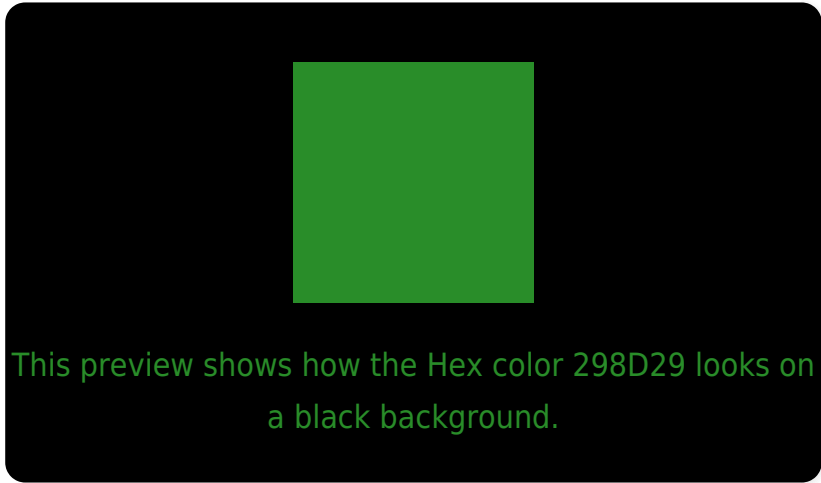
Large Text (above 18pt) WCAG AA ✓ Pass

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 298D29 Background



This preview shows how black text looks on a background with the Hex color 298D29.



This preview shows how white text looks on a background with the Hex color 298D29.

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
45848E

Trichromacy



Original Color
298D29



Protanomaly
668126



Deuteranomaly
6F7D2F



Tritanomaly
3B8769

Monochromacy



Original Color
298D29



Achromatopsia
646464



Achromatomaly
4F734F

CSS Examples

Text

The CSS property to change the color of the text to Hex 298D29 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 #298D29 looks like.

```
.text, #text, p{  
    color:#298D29  
}
```

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 #298D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298D29
}
```

Border

The CSS property to change the border of an element to Hex 298D29 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
#298D29 }
```

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

```
.border{ border-color:#298D29 }
```

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

Here you see how a box with a 4 pixel #298D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298D29; -webkit-box-shadow:4px 4px  
4px 4px #298D29; box-shadow:4px 4px 4px  
4px #298D29 }
```

Background

The CSS property to change the background color of an element to Hex 298D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298D29 }
```

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

```
.background{ background-color:#298D29 }
```

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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