

Converting Colors

Hex(297E29)

Have a look what the booklet for
Hex(297E29) contains.

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Color

Hex(297E29)

Conversions

Conversions Part 1

Format	Color
Hex	297E29
RGB	41, 126, 41
RGB Percent	16%, 49%, 16%
CMY	0.8392, 0.5059, 0.8392
CMYK	0.67, 0.00, 0.67, 0.51
HSL	120°, 51%, 33%
HSV	120°, 67%, 49%
XYZ	8.7755, 15.5532, 4.6374
YIQ	90.8950, -23.3750, -44.4550

Conversions

Conversions Part 2

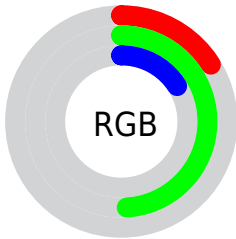
Format	Color
RYB	41, 126, 126
Decimal	2719273
CIELab	46.38, -42.91, 37.71
CIELCh	46, 57.123, 138.686
Yxy	15.5532, 0.3030, 0.5369
Android (android.graphics.Color)	4280909353 (0xFF297E29)
YUV	90.8950, -24.5982, -43.7579
Hunter-Lab	39.4376, -29.2964, 20.6345

Details

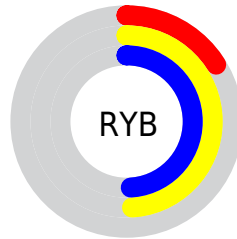
The Hex color **297E29** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E297E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **62B45A**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **1C7E1C**, and if you desaturate by 10%, it is **367E36**.

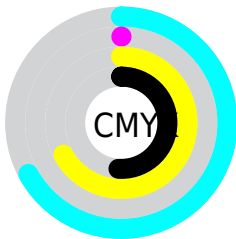
Distribution



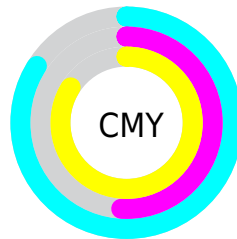
- Red (16%)
- Green (49%)
- Blue (16%)



- Red (16%)
- Yellow (49%)
- Blue (49%)



- Cyan (67%)
- Magenta (0%)
- Yellow (67%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297E29 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 297E29 by changing the saturation by 10% instead.



297E29



297E29

FFFFFF



00640F



62B45A



004C00



7DCF74



003400



99EC8E



001E00



B5FFA9



000000



D2FFC5



EFFFE1

FFFFFFE



297E29



297E29

■ 1C7E1C

■ 367E36

■ 107E10

■ 427E42

■ 037E03

■ 4F7E4F

■ 007E00

■ 5B7E5B

■ 687E68

■ 757E75

■ 817E81

■ 8E7E8E

■ 9A7E9A

Harmonies

Analogous

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



687500



297E29



008359

Triad

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



297E29



0079CC



C33E52

Complementary

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



297E29



7E297E

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.



BA3E82



297E29



4469C9

Square

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



297E29



0081B5



9553AE



B35026

Rectangle

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



297E29



00847B



9553AE



C33B62

Sweetspot

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



297E29



83A383



7E7E29



3E523E



D1D1D1



525252

Same Dimension

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



297E29



1FA31F



297E54



394039



008000



000000

Inverse Universe

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



7E297E



A31FA3



7E2954



403940



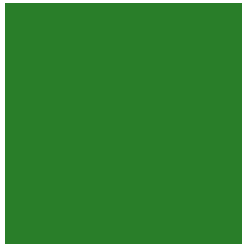
800080



000000

Previews

White Background



This preview shows how the Hex color 297E29 looks on a white background.

Color Contrast Check

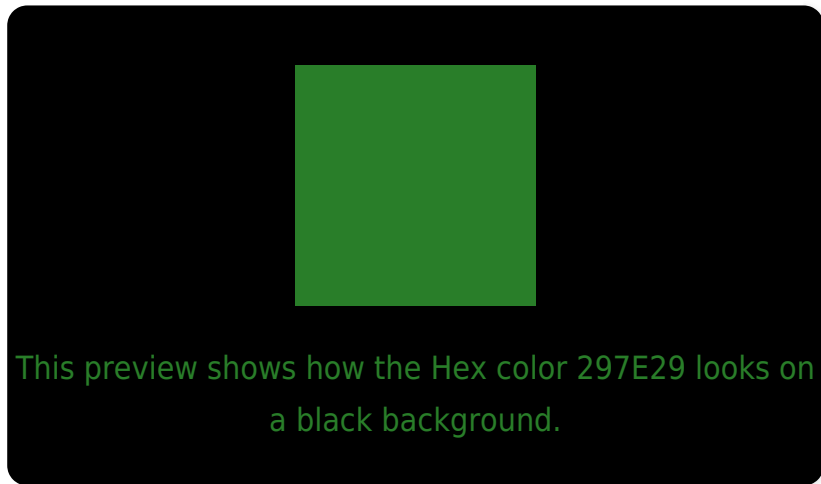
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

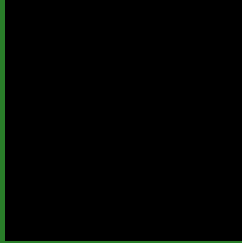
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 297E29 Background



This preview shows how black text looks on a background with the Hex color 297E29.



This preview shows how white text looks on a background with the Hex color 297E29.

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
297E29

Protanopia
7A6D25

Deuteranopia
876830



Tritanopia
40767F

Trichromacy



Original Color
297E29



Protanomaly
5D7326



Deuteranomaly
65702D



Tritanomaly
387960

Monochromacy



Original Color
297E29



Achromatopsia
5B5B5B



Achromatomaly
496849

CSS Examples

Text

The CSS property to change the color of the text to Hex 297E29 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 #297E29 looks like.

```
.text, #text, p{  
    color:#297E29  
}
```

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 #297E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297E29
}
```

Border

The CSS property to change the border of an element to Hex 297E29 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
#297E29 }
```

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

```
.border{ border-color:#297E29 }
```

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

Here you see how a box with a 4 pixel #297E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297E29; -webkit-box-shadow:4px 4px  
4px 4px #297E29; box-shadow:4px 4px 4px  
4px #297E29 }
```

Background

The CSS property to change the background color of an element to Hex 297E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297E29 }
```

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

```
.background{ background-color:#297E29 }
```

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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