

Converting Colors

Hex(297E33)

Have a look what the booklet for
Hex(297E33) contains.

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Color

Hex(297E33)

Conversions

Conversions Part 1

Format	Color
Hex	297E33
RGB	41, 126, 51
RGB Percent	16%, 49%, 20%
CMY	0.8392, 0.5059, 0.8000
CMYK	0.67, 0.00, 0.60, 0.51
HSL	127°, 51%, 33%
HSV	127°, 67%, 49%
XYZ	8.9728, 15.6321, 5.6764
YIQ	92.0350, -26.5850, -41.3450

Conversions

Conversions Part 2

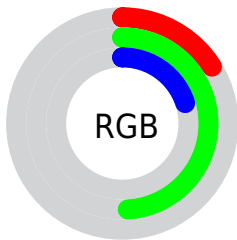
Format	Color
RYB	41, 117, 126
Decimal	2719283
CIELab	46.49, -41.68, 33.02
CIElCh	46, 53.176, 141.608
Yxy	15.6321, 0.2963, 0.5162
Android (android.graphics.Color)	4280909363 (0xFF297E33)
YUV	92.0350, -20.2303, -44.7577
Hunter-Lab	39.5375, -28.6809, 19.1641

Details

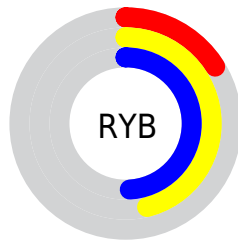
The Hex color **297E33** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E2974**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **61B464**, and **004C02** is the 20% darker color. If you saturate the color by 10%, you get **1C7E28**, and if you desaturate by 10%, it is **367E3E**.

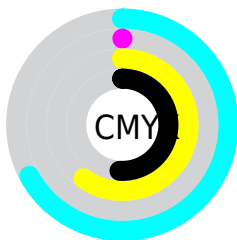
Distribution



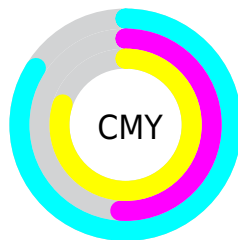
- Red (16%)
- Green (49%)
- Blue (20%)



- Red (16%)
- Yellow (46%)
- Blue (49%)



- Cyan (67%)
- Magenta (0%)
- Yellow (60%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297E33 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 297E33 by changing the saturation by 10% instead.

 297E33

 297E33

FFFFFF

 00641B

 61B464

 004C02

 7DCF7D

 003400

 99EC98

 001F00

 B5FFB3

 000000

 D1FFCF

 EFFFEB

 297E33

 297E33

 1C7E28

 367E3E

■ 107E1D

■ 427E49

■ 037E12

■ 4F7E54

■ 007E0F

■ 5B7E5F

■ 687E6B

■ 757E76

■ 817E81

■ 8E7E8C

■ 9A7E97

Harmonies

Analogous

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



65760B



297E33



008260

Triad

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



297E33



0077C7



BD4450

Complementary

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



297E33



7E2974

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.



B8437D



297E33



5568C2

Square

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



297E33



0080B3



9853A6



AE5528

Rectangle

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



297E33



00837F



9853A6



BE425F

Sweetspot

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



297E33



83A386



747E29



3E5240



D1D1D1



525252

Same Dimension

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



297E33



1FA32F



297E5D



39403A



00800F



000000

Inverse Universe

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



7E2974



A31F94



7E294A



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 297E33 looks on a white background.

Color Contrast Check

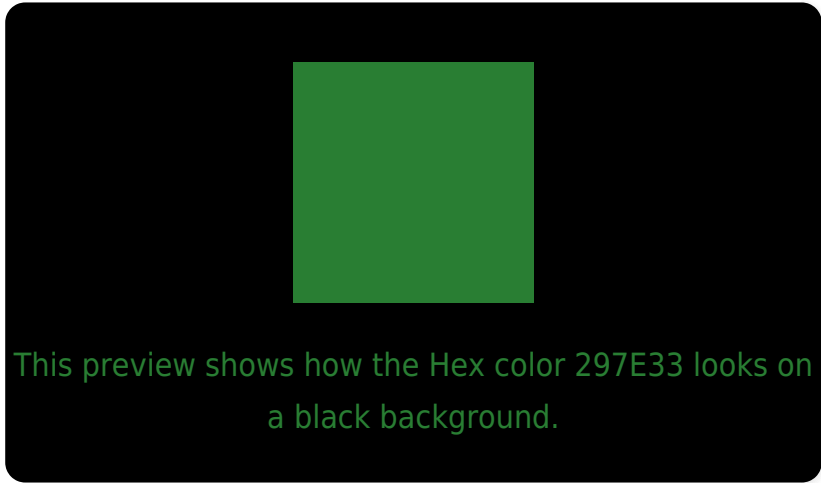
Large Text (above 18pt) WCAG AA ✓ Pass

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

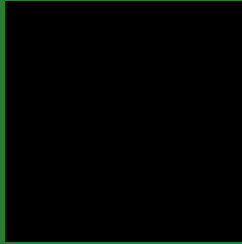
Any Text WCAG AA × Fail

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 297E33 Background



This preview shows how black text looks on a background with the Hex color 297E33.



This preview shows how white text looks on a background with the Hex color 297E33.

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
297E33

Protanopia
7A6E2E

Deuteranopia
866839



Tritanopia
3F7680

Trichromacy



Original Color
297E33



Protanomaly
5D7430



Deuteranomaly
647037



Tritanomaly
377964

Monochromacy



Original Color
297E33



Achromatopsia
5C5C5C



Achromatomaly
49684D

CSS Examples

Text

The CSS property to change the color of the text to Hex 297E33 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 #297E33 looks like.

```
.text, #text, p{  
    color:#297E33  
}
```

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 #297E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297E33
}
```

Border

The CSS property to change the border of an element to Hex 297E33 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
#297E33 }
```

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

```
.border{ border-color:#297E33 }
```

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

Here you see how a box with a 4 pixel #297E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297E33; -webkit-box-shadow:4px 4px  
4px 4px #297E33; box-shadow:4px 4px 4px  
4px #297E33 }
```

Background

The CSS property to change the background color of an element to Hex 297E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297E33 }
```

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

```
.background{ background-color:#297E33 }
```

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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