

Converting Colors

Hex(297016)

Have a look what the booklet for
Hex(297016) contains.

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Color

Hex(297016)

Conversions

Conversions Part 1

Format	Color
Hex	297016
RGB	41, 112, 22
RGB Percent	16%, 44%, 9%
CMY	0.8392, 0.5608, 0.9137
CMYK	0.63, 0.00, 0.80, 0.56
HSL	107°, 67%, 26%
HSV	107°, 80%, 44%
XYZ	6.8534, 12.1177, 2.7368
YIQ	80.5110, -13.4260, -43.0420

Conversions

Conversions Part 2

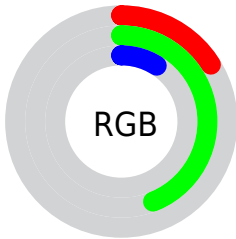
Format	Color
RYB	22, 112, 93
Decimal	2715670
CIELab	41.40, -39.31, 40.38
CIELCh	41, 56.361, 134.231
Yxy	12.1177, 0.3157, 0.5582
Android (android.graphics.Color)	4280905750 (0xFF297016)
YUV	80.5110, -28.8459, -34.6511
Hunter-Lab	34.8105, -25.7755, 19.7060

Details

The Hex color **297016** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5D1670**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **60A549**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **20700B**, and if you desaturate by 10%, it is **327021**.

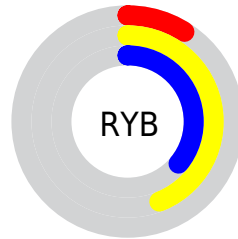
Distribution



Red (16%)

Green (44%)

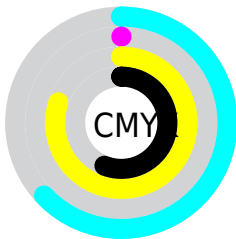
Blue (9%)



Red (9%)

Yellow (44%)

Blue (36%)

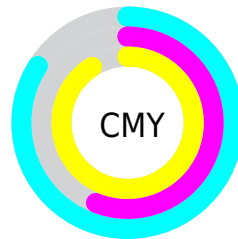


Cyan (63%)

Magenta (0%)

Yellow (80%)

Black (56%)



Cyan (84%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297016 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 297016 by changing the saturation by 10% instead.



297016



297016

FFFFFF



035700



60A549



003F00



7BC062



002900



96DC7C



000A00



B2F996



000000



CFFFB2



ECFFCE



FFFFEA



297016



297016

■ 20700B

■ 327021

■ 187000

■ 3B702C

■ 447038

■ 4C7043

■ 55704E

■ 5E7059

■ 677064

■ 707070

■ 79707B

Harmonies

Analogous

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



626600



297016



007547

Triad

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



297016



006EBB



B32E4E

Complementary

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



297016



5D1670

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.



A7337C



297016



1560BC

Square

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



297016



0075A2



7F4AA5



A74122

Rectangle

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



297016



007667



7F4AA5



B22D5D

Sweetspot

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



297016



76916E



705D16



394A35



C9C9C9



4A4A4A

Same Dimension

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



297016



239106



16702F



343832



197800



34F700

Inverse Universe

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



5D1670



740691



701657



373238



5F0078



C300F7

Previews

White Background



This preview shows how the Hex color 297016 looks on a white background.

Color Contrast Check

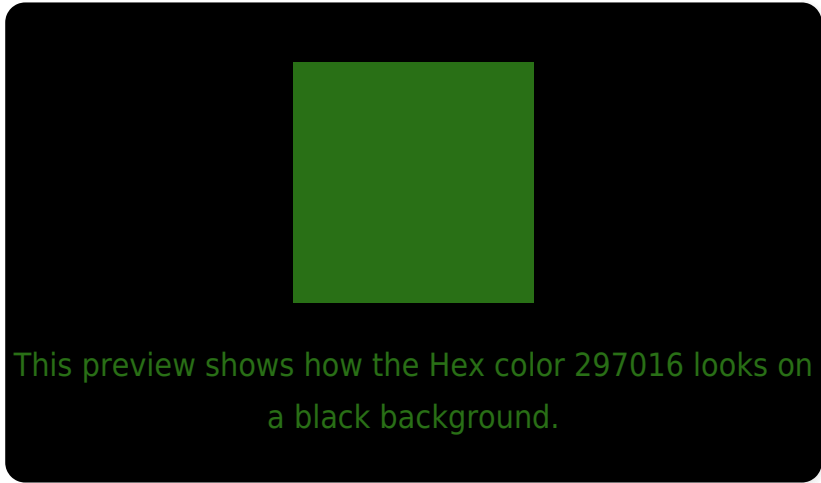
Large Text (above 18pt) WCAG AA ✓ Pass

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

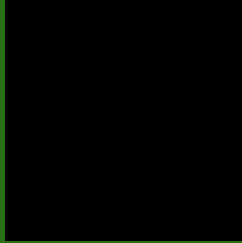
Any Text WCAG AA × Fail

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 297016 Background



This preview shows how black text looks on a background with the Hex color 297016.



This preview shows how white text looks on a background with the Hex color 297016.

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
297016

Protanopia
6D6112

Deuteranopia
7A5C20



Tritanopia
3C6871

Trichromacy



Original Color
297016

Protanomaly
546613

Deuteranomaly
5D631C

Tritanomaly
356B50

Monochromacy



Original Color
297016

Achromatopsia
515151

Achromatomaly
425C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 297016 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 #297016 looks like.

```
.text, #text, p{  
    color:#297016  
}
```

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 #297016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297016
}
```

Border

The CSS property to change the border of an element to Hex 297016 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
#297016 }
```

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

```
.border{ border-color:#297016 }
```

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

Here you see how a box with a 4 pixel #297016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297016; -webkit-box-shadow:4px 4px  
4px 4px #297016; box-shadow:4px 4px 4px  
4px #297016 }
```

Background

The CSS property to change the background color of an element to Hex 297016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297016 }
```

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

```
.background{ background-color:#297016 }
```

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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