

Converting Colors

Hex(297600)

Have a look what the booklet for
Hex(297600) contains.

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Color

Hex(297600)

Conversions

Conversions Part 1

Format	Color
Hex	297600
RGB	41, 118, 0
RGB Percent	16%, 46%, 0%
CMY	0.8392, 0.5373, 1.0000
CMYK	0.65, 0.00, 1.00, 0.54
HSL	99°, 100%, 23%
HSV	99°, 100%, 46%
XYZ	7.3929, 13.4283, 2.2023
YIQ	81.5250, -8.0140, -53.0220

Conversions

Conversions Part 2

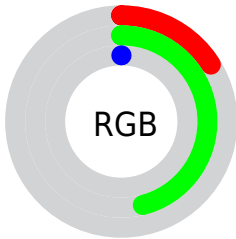
Format	Color
RYB	0, 118, 77
Decimal	2717184
CIELab	43.40, -42.61, 47.92
CIELCh	43, 64.127, 131.639
Yxy	13.4283, 0.3211, 0.5832
Android (android.graphics.Color)	4280907264 (0xFF297600)
YUV	81.5250, -40.1918, -35.5404
Hunter-Lab	36.6446, -28.1165, 22.0880

Details

The Hex color **297600** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4D0076**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **62AB3D**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **297600**, and if you desaturate by 10%, it is **31760C**.

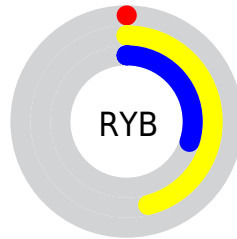
Distribution



Red (16%)

Green (46%)

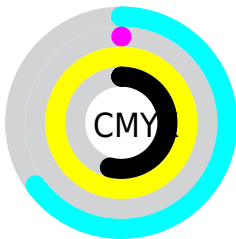
Blue (0%)



Red (0%)

Yellow (46%)

Blue (30%)

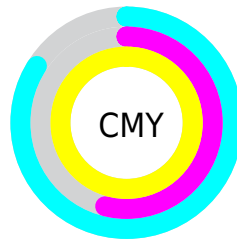


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (84%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297600 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 297600 by changing the saturation by 10% instead.

 297600

 297600

FFFFFFD

 005D00

 62AB3D

 004400

 7EC757

 002E00

 99E371

 001400

 B6FF8C

 000000

 D3FFA7

 F0FFC3

 FFFFEO

 297600

 31760C

 387618

 407623

 48762F

 4F763B

 577647

 5F7653

 67765E

 6E766A

Harmonies

Analogous

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



6A6B00



297600



007C43

Triad

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



297600



0076CC



C32354

Complementary

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



297600



4D0076

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.



B32E89



297600



0066D0

Square

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



297600



007CAD



814DB7



B73D21

Rectangle

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



297600



007D68



814DB7



C12266

Sweetspot

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



297600



7B996B



764D00



3B4D31



CCCCCC



4D4D4D

Same Dimension

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



297600



359900



007612



373B35



2B7A00



57FA00

Inverse Universe

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



4D0076



640099



760064



39353B



50007A



A300FA

Previews

White Background



This preview shows how the Hex color 297600 looks on a white background.

Color Contrast Check

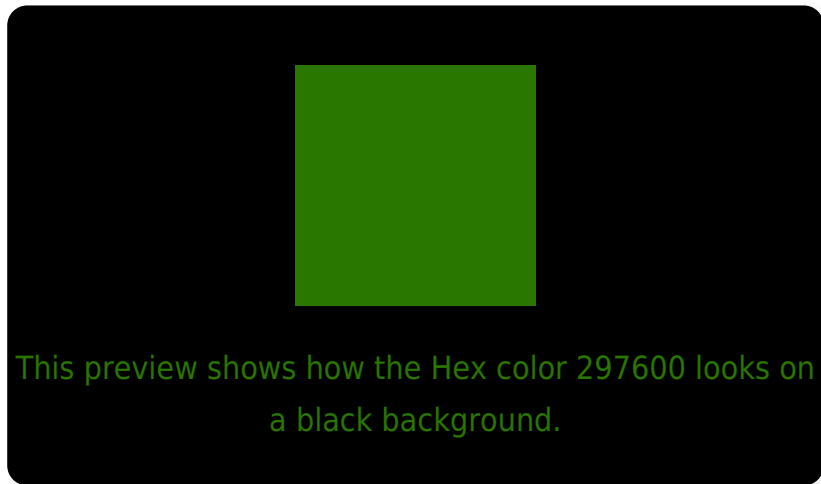
Large Text (above 18pt) WCAG AA ✓ Pass

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

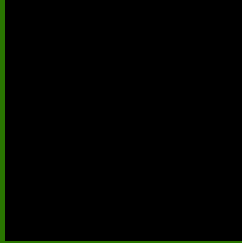
Any Text WCAG AA × Fail

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 297600 Background



This preview shows how black text looks on a background with the Hex color 297600.



This preview shows how white text looks on a background with the Hex color 297600.

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
297600

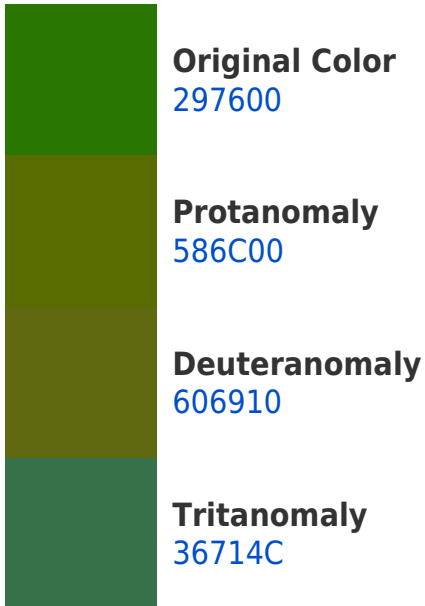
Protanopia
736600

Deuteranopia
806119



Tritanopia
3E6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 297600 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 #297600 looks like.

```
.text, #text, p{  
    color:#297600  
}
```

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 #297600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297600
}
```

Border

The CSS property to change the border of an element to Hex 297600 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".

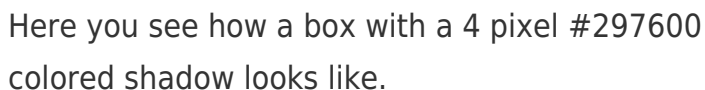
```
.border, #border, table{ border:4px solid
#297600 }
```

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

```
.border{ border-color:#297600 }
```

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

Here you see how a box with a 4 pixel #297600 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297600; -webkit-box-shadow:4px 4px  
4px 4px #297600; box-shadow:4px 4px 4px  
4px #297600 }
```

Background

The CSS property to change the background color of an element to Hex 297600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297600 }
```

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

```
.background{ background-color:#297600 }
```

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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