

Converting Colors

Hex(284600)

Have a look what the booklet for
Hex(284600) contains.

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Color

Hex(284600)

Conversions

Conversions Part 1

Format	Color
Hex	284600
RGB	40, 70, 0
RGB Percent	16%, 27%, 0%
CMY	0.8431, 0.7255, 1.0000
CMYK	0.43, 0.00, 1.00, 0.73
HSL	86°, 100%, 14%
HSV	86°, 100%, 27%
XYZ	3.0652, 4.8314, 0.7710
YIQ	53.0500, 4.5900, -28.1300

Conversions

Conversions Part 2

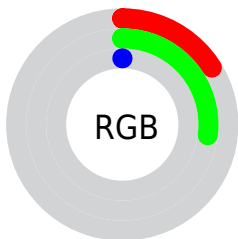
Format	Color
RYB	0, 70, 30
Decimal	2639360
CIELab	26.25, -22.96, 34.23
CIELCh	26, 41.214, 123.848
Yxy	4.8314, 0.3536, 0.5574
Android (android.graphics.Color)	4280829440 (0xFF284600)
YUV	53.0500, -26.1536, -11.4448
Hunter-Lab	21.9805, -13.5737, 13.3067

Details

The Hex color **284600** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0046**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **597731**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **284600**, and if you desaturate by 10%, it is **2B4607**.

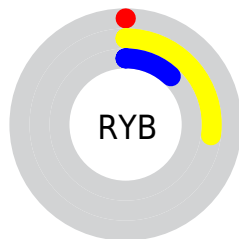
Distribution



Red (16%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (12%)

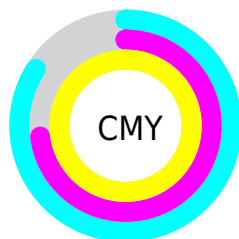


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284600 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 284600 by changing the saturation by 10% instead.

 284600

 284600

 FFFFE9

 112F00

 597731

 001D00

 739049

 000000

 8DAB62

 A8C67B

 C4E296

 E0FFB1

 FDFFC

 284600

■ 2B4607

■ 2E460E

■ 314615

■ 34461C

■ 374623

■ 3A462A

■ 3D4631

■ 404638

■ 43463F

Harmonies

Analogous

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



493E00



284600



004A21

Triad

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



284600



004876



751A3B

Complementary

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



284600



1E0046

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.



66245A



284600



00417D

Square

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



284600



004C60



423473



72231D

Rectangle

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



284600



004C36



423473



721C46

Sweetspot

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



284600



505C40



461D00



272E1D



ADADAD



2E2E2E

Same Dimension

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



284600



345C00



064600



222420



396300



82E300

Inverse Universe

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



1E0046



27005C



400046



222024



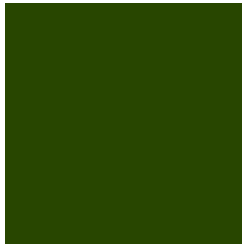
2B0063



6100E3

Previews

White Background



This preview shows how the Hex color 284600 looks on a white background.

Color Contrast Check

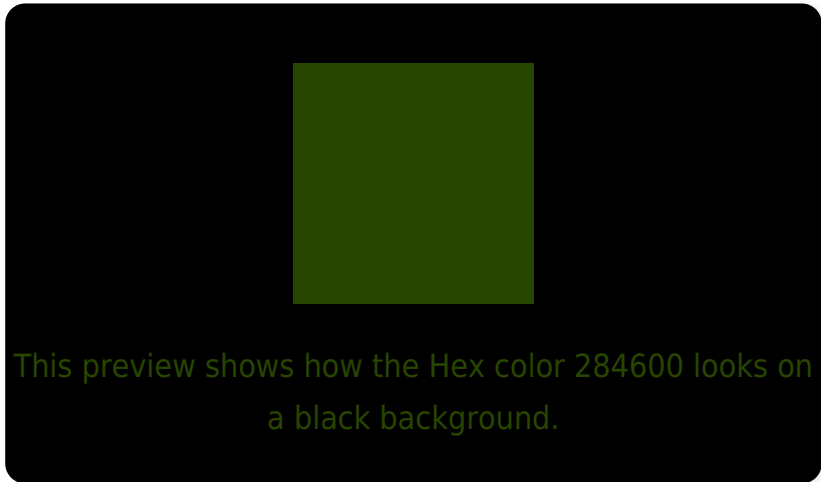
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

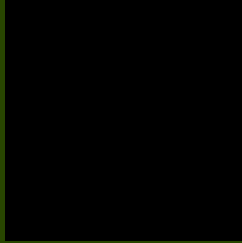
Any Text WCAG AA × Fail

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 284600 Background



This preview shows how black text looks on a background with the Hex color 284600.



This preview shows how white text looks on a background with the Hex color 284600.

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](#).

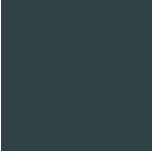
Dichromacy



Original Color
284600

Protanopia
463E00

Deuteranopia
4E3B0E



Tritanopia
304146

Trichromacy



Original Color
284600

Protanomaly
3B4100

Deuteranomaly
403F09

Tritanomaly
2D432D

Monochromacy



Original Color
284600

Achromatopsia
353535

Achromatomaly
303B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 284600 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 #284600 looks like.

```
.text, #text, p{  
    color:#284600  
}
```

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 #284600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284600
}
```

Border

The CSS property to change the border of an element to Hex 284600 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
#284600 }
```

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

```
.border{ border-color:#284600 }
```

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

Here you see how a box with a 4 pixel #284600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284600; -webkit-box-shadow:4px 4px  
4px 4px #284600; box-shadow:4px 4px 4px  
4px #284600 }
```

Background

The CSS property to change the background color of an element to Hex 284600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284600 }
```

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

```
.background{ background-color:#284600 }
```

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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