

Converting Colors

Hex(286600)

Have a look what the booklet for
Hex(286600) contains.

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Color

Hex(286600)

Conversions

Conversions Part 1

Format	Color
Hex	286600
RGB	40, 102, 0
RGB Percent	16%, 40%, 0%
CMY	0.8431, 0.6000, 1.0000
CMYK	0.61, 0.00, 1.00, 0.60
HSL	96°, 100%, 20%
HSV	96°, 100%, 40%
XYZ	5.6264, 9.9539, 1.6247
YIQ	71.8340, -4.2100, -44.8660

Conversions

Conversions Part 2

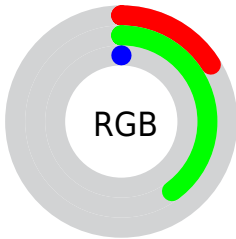
Format	Color
RYB	0, 102, 62
Decimal	2647552
CIELab	37.76, -36.86, 43.45
CIELCh	38, 56.976, 130.306
Yxy	9.9539, 0.3270, 0.5785
Android (android.graphics.Color)	4280837632 (0xFF286600)
YUV	71.8340, -35.4142, -27.9184
Hunter-Lab	31.5497, -23.3791, 19.0315

Details

The Hex color **286600** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E0066**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5E9A39**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **286600**, and if you desaturate by 10%, it is **2E660A**.

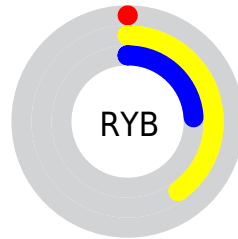
Distribution



Red (16%)

Green (40%)

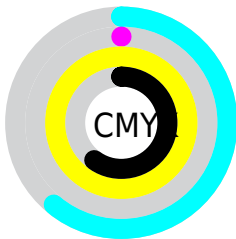
Blue (0%)



Red (0%)

Yellow (40%)

Blue (24%)

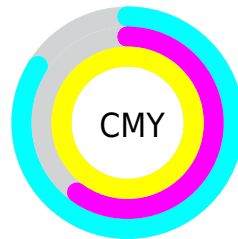


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (84%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286600 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 286600 by changing the saturation by 10% instead.

 286600

 286600

 FFFFF6

 074D00

 5E9A39

 003600

 79B553

 002200

 94D16C

 000000

 B0ED87

 CCFFA2

 E9FFBD

 FFFFD9

 286600

 2E660A

 346614

 3B661F

 416629

 476633

 4D663D

 536647

 5A6652

 60665C

Harmonies

Analogous

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



5E5C00



286600



006B38

Triad

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



286600



0066B0



A9204B

Complementary

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



286600



3E0066

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.



9A2A79



286600



0059B4

Square

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



286600



006C94



6D44A0



9F341F

Rectangle

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



286600



006D58



6D44A0



A71F5A

Sweetspot

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



286600



6C855D



663D00



34422A



C2C2C2



424242

Same Dimension

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



286600



348500



00660A



30332E



2D7300



5FF200

Inverse Universe

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



3E0066



510085



66005C



312E33



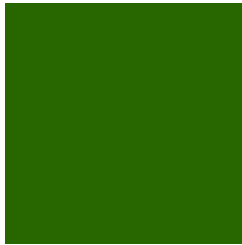
460073



9300F2

Previews

White Background



This preview shows how the Hex color 286600 looks on a white background.

Color Contrast Check

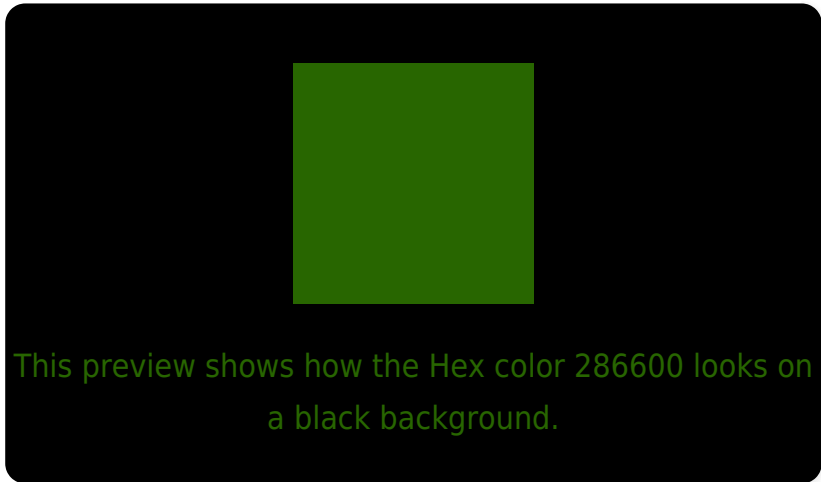
Large Text (above 18pt) WCAG AA ✓ Pass

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 286600 Background



This preview shows how black text looks on a background with the Hex color 286600.



This preview shows how white text looks on a background with the Hex color 286600.

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
286600

Protanopia
645900

Deuteranopia
705415



Tritanopia
395F66

Trichromacy



Original Color
286600

Protanomaly
4E5E00

Deuteranomaly
565B0D

Tritanomaly
336241

Monochromacy



Original Color
286600

Achromatopsia
484848

Achromatomaly
3C532E

CSS Examples

Text

The CSS property to change the color of the text to Hex 286600 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 #286600 looks like.

```
.text, #text, p{  
    color:#286600  
}
```

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 #286600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286600
}
```

Border

The CSS property to change the border of an element to Hex 286600 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
#286600 }
```

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

```
.border{ border-color:#286600 }
```

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

Here you see how a box with a 4 pixel #286600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286600; -webkit-box-shadow:4px 4px  
4px 4px #286600; box-shadow:4px 4px 4px  
4px #286600 }
```

Background

The CSS property to change the background color of an element to Hex 286600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286600 }
```

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

```
.background{ background-color:#286600 }
```

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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