

# Converting Colors

Hex(276600)

Have a look what the booklet for  
Hex(276600) contains.

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**Color**

**Hex(276600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	276600
RGB	39, 102, 0
RGB Percent	15%, 40%, 0%
CMY	0.8471, 0.6000, 1.0000
CMYK	0.62, 0.00, 1.00, 0.60
HSL	97°, 100%, 20%
HSV	97°, 100%, 40%
XYZ	5.5881, 9.9341, 1.6229
YIQ	71.5350, -4.8060, -45.0780

# Conversions

## Conversions Part 2

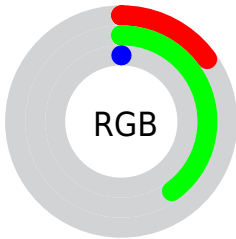
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 102, 63
Decimal	2582016
CIELab	37.72, -37.15, 43.41
CIELCh	38, 57.132, 130.556
Yxy	9.9341, 0.3259, 0.5794
Android (android.graphics.Color)	4280772096 (0xFF276600)
YUV	71.5350, -35.2668, -28.5332
Hunter-Lab	31.5184, -23.5099, 19.0099

# Details

The Hex color **276600** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F0066**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5D9A39**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **276600**, and if you desaturate by 10%, it is **2D660A**.

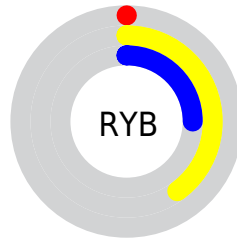
# Distribution



Red (15%)

Green (40%)

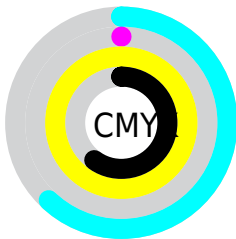
Blue (0%)



Red (0%)

Yellow (40%)

Blue (25%)

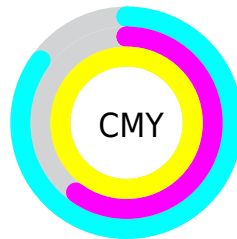


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (85%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 276600 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 276600 by changing the saturation by 10% instead.



 276600

 276600

 FFFFF6

 054D00

 5D9A39

 003600

 78B553

 002200

 93D16C

 000000

 AFED87

 CCFFA2

 E9FFBD

 FFFFD9

 276600

 2D660A

 346614

 3A661F

 406629

 476633

 4D663D

 536647

 596652

 60665C

# Harmonies

## Analogous

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



5D5C00



276600



006B38

# Triad

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



276600



0066B0



A91F4B

# Complementary

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



276600



3F0066

# 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.



9B2A79



276600



0059B5

# Square

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



276600



006C94



6E44A0



9F341E

# Rectangle

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



276600



006D58



6E44A0



A71F5A



# Sweetspot

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



276600



6C855D



663F00



34422A



C2C2C2



424242



# Same Dimension

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



276600



338500



00660C



30332E



2C7300



5DF200



# Inverse Universe

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



3F0066



520085



66005A



312E33



470073

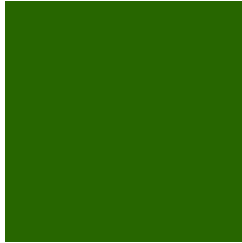


9600F2



# Previews

## White Background



This preview shows how the Hex color 276600 looks on a white background.

## Color Contrast Check

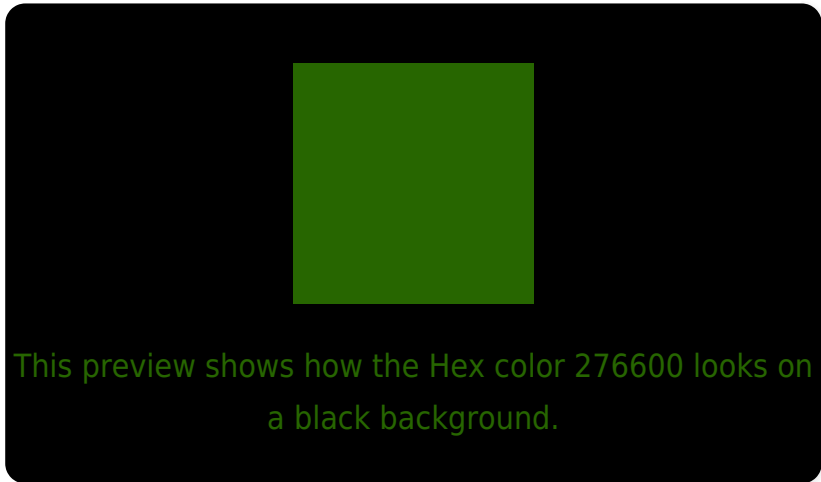
Large Text (above 18pt) WCAG AA ✓ Pass

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

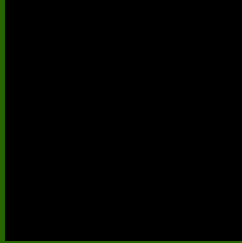
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 276600 Background



This preview shows how black text looks on a background with the Hex color 276600.



This preview shows how white text looks on a background with the Hex color 276600.

# 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**  
276600

**Protanopia**  
645900

**Deuteranopia**  
6F5415



**Tritanopia**  
385F66

# Trichromacy



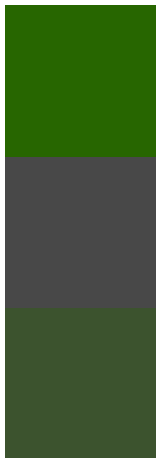
**Original Color**  
276600

**Protanomaly**  
4E5E00

**Deuteranomaly**  
555B0D

**Tritanomaly**  
326241

# Monochromacy



**Original Color**  
276600

**Achromatopsia**  
484848

**Achromatomaly**  
3C532E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 276600 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 #276600 looks like.

```
.text, #text, p{  
    color:#276600  
}
```

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 #276600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276600
}
```

## Border

The CSS property to change the border of an element to Hex 276600 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
#276600 }
```

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

```
.border{ border-color:#276600 }
```

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

Here you see how a box with a 4 pixel #276600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276600; -webkit-box-shadow:4px 4px  
4px 4px #276600; box-shadow:4px 4px 4px  
4px #276600 }
```

# Background

The CSS property to change the background color of an element to Hex 276600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276600 }
```

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

```
.background{ background-color:#276600 }
```

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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