

Converting Colors

Hex(276906)

Have a look what the booklet for
Hex(276906) contains.

Hex(276906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(276906)

Conversions

Conversions Part 1

Format	Color
Hex	276906
RGB	39, 105, 6
RGB Percent	15%, 41%, 2%
CMY	0.8471, 0.5882, 0.9765
CMYK	0.63, 0.00, 0.94, 0.59
HSL	100°, 89%, 22%
HSV	100°, 94%, 41%
XYZ	5.9211, 10.5476, 1.8961
YIQ	73.9800, -7.5570, -44.7810

Conversions

Conversions Part 2

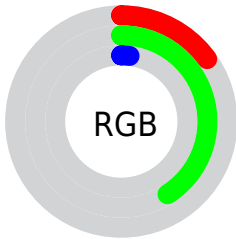
Format	Color
RYB	6, 105, 72
Decimal	2582790
CIELab	38.81, -38.03, 42.66
CIELCh	39, 57.148, 131.719
Yxy	10.5476, 0.3224, 0.5743
Android (android.graphics.Color)	4280772870 (0xFF276906)
YUV	73.9800, -33.5141, -30.6775
Hunter-Lab	32.4771, -24.2913, 19.2724

Details

The Hex color **276906** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **480669**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5E9D3E**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **236900**, and if you desaturate by 10%, it is **2E6911**.

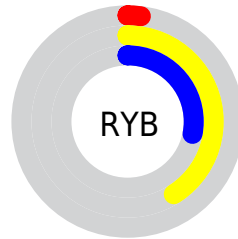
Distribution



Red (15%)

Green (41%)

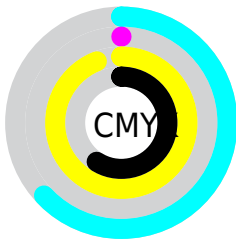
Blue (2%)



Red (2%)

Yellow (41%)

Blue (28%)

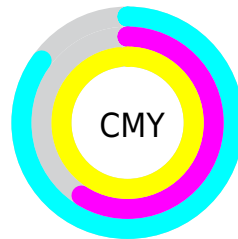


Cyan (63%)

Magenta (0%)

Yellow (94%)

Black (59%)



Cyan (85%)

Magenta (59%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276906 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 276906 by changing the saturation by 10% instead.

 276906

 276906

 FFFFFB

 035000

 5E9D3E

 003900

 79B857

 002500

 94D471

 000000

 B0F18B

 CCFFA6

 E9FFC2

 FFFFDE

 276906

 276906

■ 236900

■ 2E6911

■ 35691B

■ 3C6926

■ 436930

■ 4A693B

■ 516945

■ 586950

■ 5F695A

■ 666965

Harmonies

Analogous

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



5F5F00



276906



006E3C

Triad

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



276906



0068B4



AC244B

Complementary

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



276906



480669

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.



9F2C7A



276906



005BB7

Square

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



276906



006F99



7346A1



A2381F

Rectangle

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



276906



00705D



7346A1



AB225B

Sweetspot

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



276906



708A63



694806



35452D



C4C4C4



454545

Same Dimension

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



276906



2E8A00



066917



323630



277500



52F500

Inverse Universe

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



480669



5C008A



690658



343036



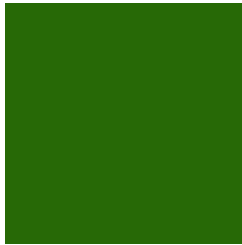
4E0075



A300F5

Previews

White Background



This preview shows how the Hex color 276906 looks on a white background.

Color Contrast Check

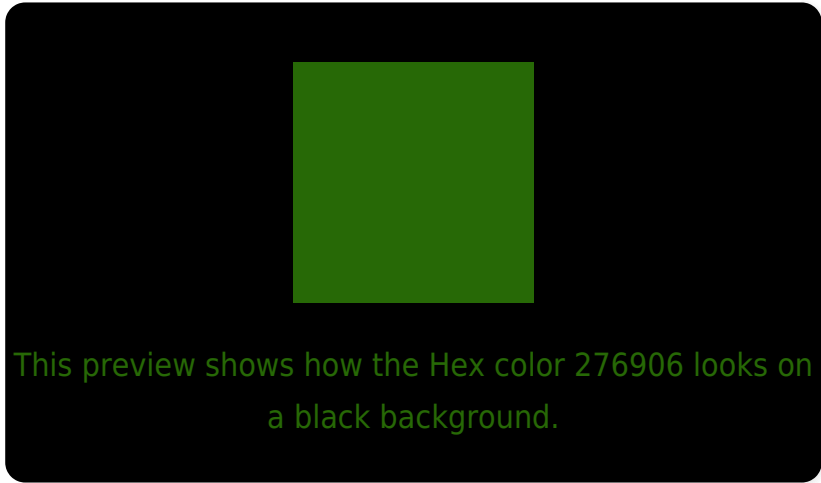
Large Text (above 18pt) WCAG AA ✓ Pass

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

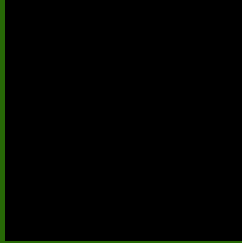
Any Text WCAG AA × Fail

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 276906 Background



This preview shows how black text looks on a background with the Hex color 276906.



This preview shows how white text looks on a background with the Hex color 276906.

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



Trichromacy



Original Color
276906

Deuteranomaly
575D11

Tritanomaly
326545

Monochromacy



Original Color
276906

Achromatopsia
4A4A4A

Achromatomaly
3D5531

CSS Examples

Text

The CSS property to change the color of the text to Hex 276906 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 #276906 looks like.

```
.text, #text, p{  
    color:#276906  
}
```

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 #276906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276906
}
```

Border

The CSS property to change the border of an element to Hex 276906 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".

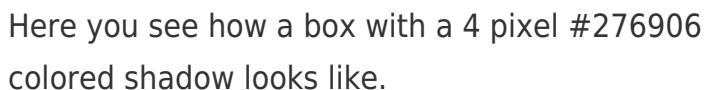
```
.border, #border, table{ border:4px solid
#276906 }
```

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

```
.border{ border-color:#276906 }
```

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

Here you see how a box with a 4 pixel #276906 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276906; -webkit-box-shadow:4px 4px  
4px 4px #276906; box-shadow:4px 4px 4px  
4px #276906 }
```

Background

The CSS property to change the background color of an element to Hex 276906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276906 }
```

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

```
.background{ background-color:#276906 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor