

Converting Colors

Hex(276012)

Have a look what the booklet for
Hex(276012) contains.

Hex(276012)	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>	29

Color

Hex(276012)

Conversions

Conversions Part 1

Format	Color
Hex	276012
RGB	39, 96, 18
RGB Percent	15%, 38%, 7%
CMY	0.8471, 0.6235, 0.9294
CMYK	0.59, 0.00, 0.81, 0.62
HSL	104°, 68%, 22%
HSV	104°, 81%, 38%
XYZ	5.1288, 8.8407, 2.0084
YIQ	70.0650, -8.9340, -36.3420

Conversions

Conversions Part 2

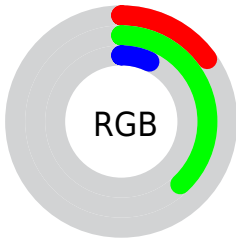
Format	Color
RYB	18, 96, 75
Decimal	2580498
CIELab	35.68, -33.80, 36.25
CIELCh	36, 49.564, 132.994
Yxy	8.8407, 0.3210, 0.5533
Android (android.graphics.Color)	4280770578 (0xFF276012)
YUV	70.0650, -25.6680, -27.2440
Hunter-Lab	29.7334, -21.2437, 16.8085

Details

The Hex color **276012** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B1260**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5B9343**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **206008**, and if you desaturate by 10%, it is **2E601C**.

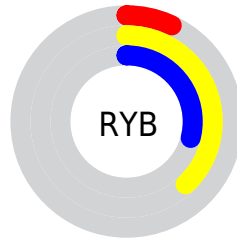
Distribution



Red (15%)

Green (38%)

Blue (7%)



Red (7%)

Yellow (38%)

Blue (29%)

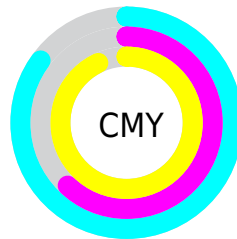


Cyan (59%)

Magenta (0%)

Yellow (81%)

Black (62%)



Cyan (85%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276012 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 276012 by changing the saturation by 10% instead.

 276012

 276012

FFFFFF

 084800

 5B9343

 003100

 76AE5C

 001C00

 91CA75

 000000

 ACE690

 C8FFAB

 E5FFC6

 FFFF E3

 276012

 276012

■ 206008

■ 2E601C

■ 1A6000

■ 356025

■ 3C602F

■ 436038

■ 4A6042

■ 51604C

■ 586055

■ 5F605F

■ 666068

Harmonies

Analogous

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



565700



276012



00643B

Triad

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



276012



005FA0



9A2944

Complementary

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



276012



4B1260

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.



8F2E6C



276012



0B53A2

Square

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



276012



006489



6B418E



90371F

Rectangle

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



276012



006657



6B418E



992852

Sweetspot

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



276012



677D5F



604A12



32402D



BFBFBF



404040

Same Dimension

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



276012



237D02



126023



2D302C



1E7000



41F000

Inverse Universe

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



4B1260



5C027D



60124F



2F2C30



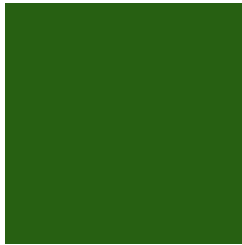
520070



AF00F0

Previews

White Background



This preview shows how the Hex color 276012 looks on a white background.

Color Contrast Check

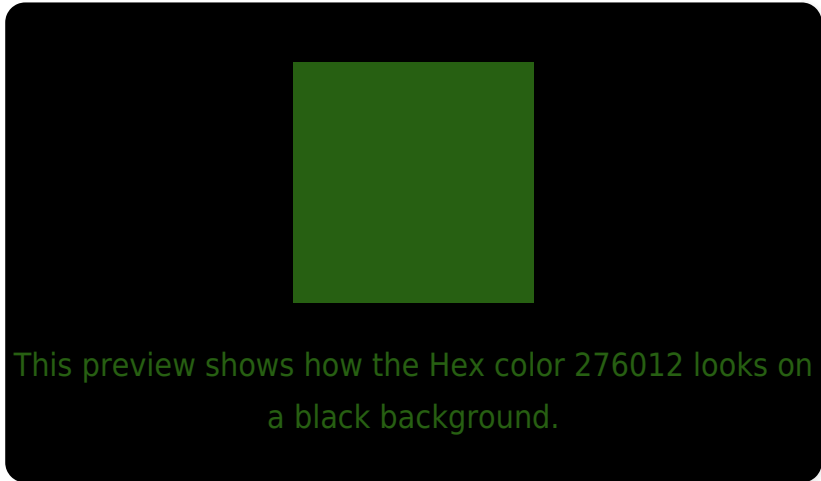
Large Text (above 18pt) WCAG AA ✓ Pass

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

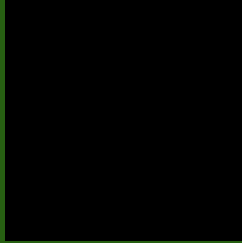
Any Text WCAG AA × Fail

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 276012 Background



This preview shows how black text looks on a background with the Hex color 276012.



This preview shows how white text looks on a background with the Hex color 276012.

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
276012

Protanopia
5E540F

Deuteranopia
694F1A



Tritanopia
365961

Trichromacy



Original Color
276012

Protanomaly
4A5810

Deuteranomaly
515517

Tritanomaly
315C44

Monochromacy



Original Color
276012

Achromatopsia
464646

Achromatomaly
3B4F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 276012 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 #276012 looks like.

```
.text, #text, p{  
    color:#276012  
}
```

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 #276012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276012
}
```

Border

The CSS property to change the border of an element to Hex 276012 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
#276012 }
```

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

```
.border{ border-color:#276012 }
```

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

Here you see how a box with a 4 pixel #276012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276012; -webkit-box-shadow:4px 4px  
4px 4px #276012; box-shadow:4px 4px 4px  
4px #276012 }
```

Background

The CSS property to change the background color of an element to Hex 276012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276012 }
```

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

```
.background{ background-color:#276012 }
```

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