

# Converting Colors

Hex(276725)

Have a look what the booklet for  
Hex(276725) contains.

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**Color**

**Hex(276725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	276725
RGB	39, 103, 37
RGB Percent	15%, 40%, 15%
CMY	0.8471, 0.5961, 0.8549
CMYK	0.62, 0.00, 0.64, 0.60
HSL	118°, 47%, 27%
HSV	118°, 64%, 40%
XYZ	6.0209, 10.2654, 3.4144
YIQ	76.3400, -16.9580, -34.0940

# Conversions

## Conversions Part 2

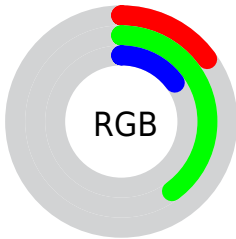
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 103, 101
Decimal	2582309
CIE <sub>Lab</sub>	38.31, -34.80, 30.58
CIE <sub>LCh</sub>	38, 46.324, 138.694
Yxy	10.2654, 0.3056, 0.5211
Android (android.graphics.Color)	4280772389 (0xFF276725)
YUV	76.3400, -19.3946, -32.7472
Hunter-Lab	32.0397, -22.5258, 16.1094

# Details

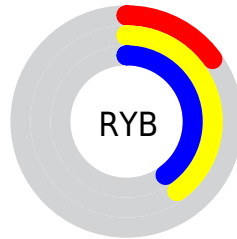
The Hex color **276725** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **652567**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5C9B55**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **1D671B**, and if you desaturate by 10%, it is **31672F**.

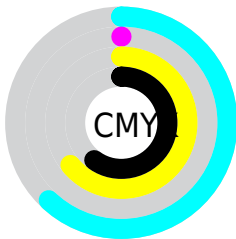
# Distribution



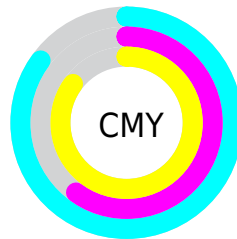
- Red (15%)
- Green (40%)
- Blue (15%)



- Red (15%)
- Yellow (40%)
- Blue (40%)



- Cyan (62%)
- Magenta (0%)
- Yellow (64%)
- Black (60%)



- Cyan (85%)
- Magenta (60%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 276725 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 276725 by changing the saturation by 10% instead.



 276725

 276725

FFFFFF

 064E0D

 5C9B55

 003700

 76B66D

 002300

 91D287

 000000

 ADEEA2

 C9FFBD

 E5FFD9

 FFFFF6

 276725

 276725

■ 1D671B

■ 31672F

■ 136710

■ 3B673A

■ 096706

■ 456744

■ 036700

■ 4F674E

■ 596759

■ 636763

■ 6D676D

■ 776777

■ 816782

# Harmonies

## Analogous

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



565F04



276725



006B4A

# Triad

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



276725



0063A4



9D3644

# Complementary

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



276725



652567

# 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.



96376A



276725



3D56A2

# Square

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



276725



006992



79458C



924422

# Rectangle

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



276725



006C64



79458C



9D3451



# Sweetspot

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



276725



6E876D



676525



354535



C4C4C4



454545



# Same Dimension

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



276725



22871F



256744



2E332E



037300



07F200



# Inverse Universe

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



652567



841F87



672548



332E33



6F0073

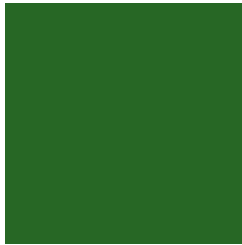


EB00F2



# Previews

## White Background



This preview shows how the Hex color 276725 looks on a white background.

## Color Contrast Check

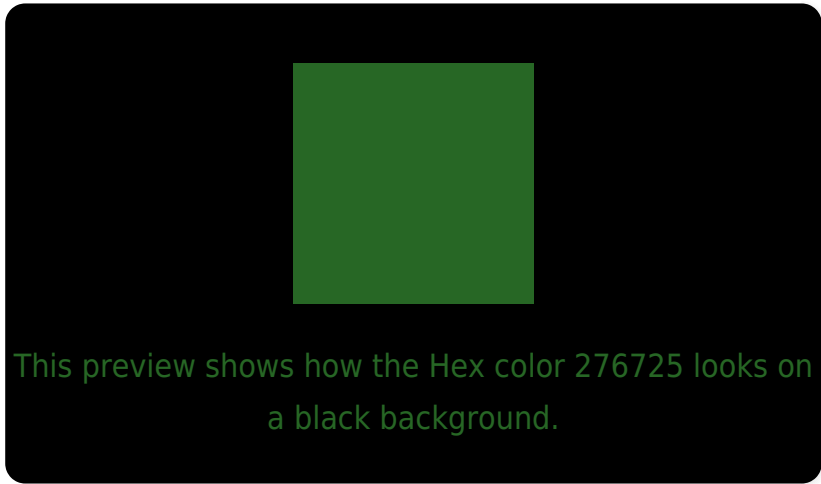
Large Text (above 18pt) WCAG AA ✓ Pass

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

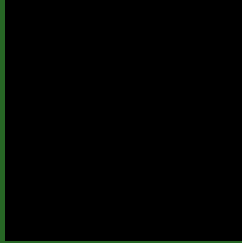
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 276725 Background



This preview shows how black text looks on a background with the Hex color 276725.



This preview shows how white text looks on a background with the Hex color 276725.

# 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**  
276725

**Protanopia**  
645A21

**Deuteranopia**  
6F552A



**Tritanopia**  
376068

# Trichromacy



**Original Color**  
276725

**Protanomaly**  
4E5F22

**Deuteranomaly**  
555C28

**Tritanomaly**  
316350

# Monochromacy



**Original Color**  
276725

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
3F563E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 276725 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 #276725 looks like.

```
.text, #text, p{  
    color:#276725  
}
```

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 #276725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276725
}
```

## Border

The CSS property to change the border of an element to Hex 276725 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".

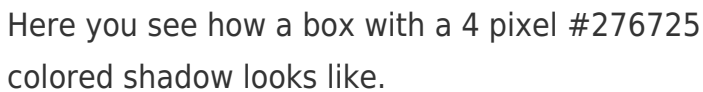
```
.border, #border, table{ border:4px solid
#276725 }
```

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

```
.border{ border-color:#276725 }
```

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

Here you see how a box with a 4 pixel #276725 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276725; -webkit-box-shadow:4px 4px  
4px 4px #276725; box-shadow:4px 4px 4px  
4px #276725 }
```

# Background

The CSS property to change the background color of an element to Hex 276725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276725 }
```

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

```
.background{ background-color:#276725 }
```

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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