

# Converting Colors

Hex(276330)

Have a look what the booklet for  
Hex(276330) contains.

<b>Hex(276330)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(276330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	276330
RGB	39, 99, 48
RGB Percent	15%, 39%, 19%
CMY	0.8471, 0.6118, 0.8118
CMYK	0.61, 0.00, 0.52, 0.61
HSL	129°, 43%, 27%
HSV	129°, 61%, 39%
XYZ	5.8320, 9.5684, 4.3358
YIQ	75.2460, -19.3890, -28.5810

# Conversions

## Conversions Part 2

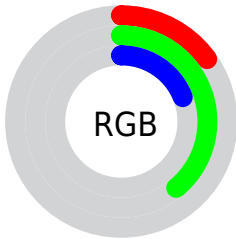
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 91, 99
Decimal	2581296
CIE <sub>Lab</sub>	37.06, -31.48, 23.18
CIE <sub>LCh</sub>	37, 39.094, 143.635
Yxy	9.5684, 0.2955, 0.4848
Android (android.graphics.Color)	4280771376 (0xFF276330)
YUV	75.2460, -13.4323, -31.7877
Hunter-Lab	30.9329, -20.4783, 13.3424

# Details

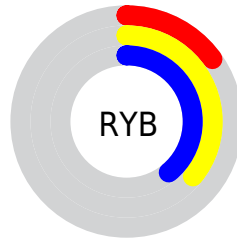
The Hex color **276330** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63275A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5A965F**, and **003302** is the 20% darker color. If you saturate the color by 10%, you get **1D6328**, and if you desaturate by 10%, it is **316338**.

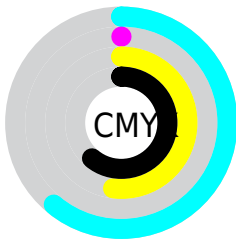
# Distribution



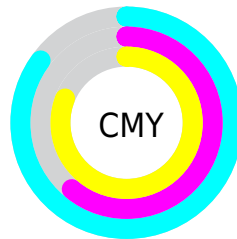
- Red (15%)
- Green (39%)
- Blue (19%)



- Red (15%)
- Yellow (36%)
- Blue (39%)



- Cyan (61%)
- Magenta (0%)
- Yellow (52%)
- Black (61%)



- Cyan (85%)
- Magenta (61%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 276330 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 276330 by changing the saturation by 10% instead.



 276330

 276330

FFFFFF

 084B1A

 5A965F

 003302

 74B178

 002000

 8FCD92

 000000

 AAE9AD

 C6FFC8

 E3FFE5

 276330

 276330

 1D6328

 316338

■ 13631F

■ 3B6341

■ 096317

■ 456349

■ 00630F

■ 4F6352

■ 59635A

■ 626362

■ 6C636B

■ 766373

■ 80637C

# Harmonies

## Analogous

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



505D18



276330



00664F

# Triad

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



276330



005D96



903C40

# Complementary

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



276330



63275A

# 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.



8D3B5F



276330



4C5291

# Square

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



276330



006389



77447D



844725

# Rectangle

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



276330



006665



77447D



913A4A



# Sweetspot

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



276330



69806C



5A6327



324034



BFBFBF



404040



# Same Dimension

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



276330



228030



27634E



2C302C



007011



00F024



# Inverse Universe

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



63275A



802272



63273C



302C30



70005F

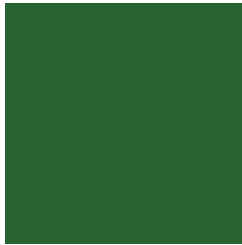


F000CC



# Previews

## White Background



This preview shows how the Hex color 276330 looks on a white background.

## Color Contrast Check

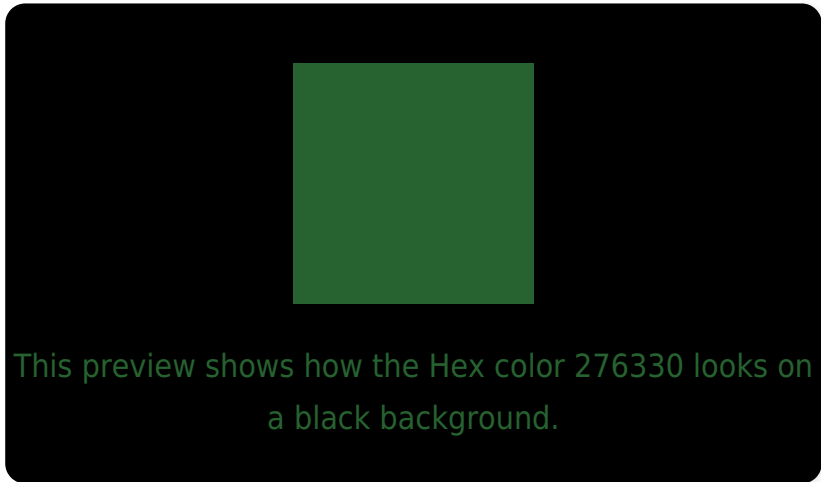
Large Text (above 18pt) WCAG AA ✓ Pass

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 276330 Background



This preview shows how black text looks on a background with the Hex color 276330.



This preview shows how white text looks on a background with the Hex color 276330.

# 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**  
276330

**Protanopia**  
60572C

**Deuteranopia**  
695334



**Tritanopia**  
355D65

# Trichromacy



**Original Color**  
276330

**Protanomaly**  
4B5B2D

**Deuteranomaly**  
515933

**Tritanomaly**  
305F52

# Monochromacy



**Original Color**  
276330

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
3E5441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 276330 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 #276330 looks like.

```
.text, #text, p{  
    color:#276330  
}
```

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 #276330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276330
}
```

## Border

The CSS property to change the border of an element to Hex 276330 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
#276330 }
```

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

```
.border{ border-color:#276330 }
```

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

Here you see how a box with a 4 pixel #276330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276330; -webkit-box-shadow:4px 4px  
4px 4px #276330; box-shadow:4px 4px 4px  
4px #276330 }
```

# Background

The CSS property to change the background color of an element to Hex 276330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276330 }
```

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

```
.background{ background-color:#276330 }
```

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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