

Converting Colors

Hex(276501)

Have a look what the booklet for
Hex(276501) contains.

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Color

Hex(276501)

Conversions

Conversions Part 1

Format	Color
Hex	276501
RGB	39, 101, 1
RGB Percent	15%, 40%, 0%
CMY	0.8471, 0.6039, 0.9961
CMYK	0.61, 0.00, 0.99, 0.60
HSL	97°, 98%, 20%
HSV	97°, 99%, 40%
XYZ	5.4959, 9.7409, 1.6192
YIQ	71.0620, -4.8520, -44.2440

Conversions

Conversions Part 2

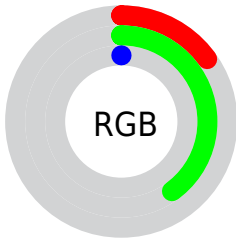
Format	Color
R_{YB}	1, 101, 63
Decimal	2581761
CIE _{Lab}	37.37, -36.71, 42.84
CIE _{LCh}	37, 56.418, 130.594
Yxy	9.7409, 0.3260, 0.5779
Android (android.graphics.Color)	4280771841 (0xFF276501)
YUV	71.0620, -34.5406, -28.1184
Hunter-Lab	31.2104, -23.1860, 18.7712

Details

The Hex color **276501** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F0165**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5D993A**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **266500**, and if you desaturate by 10%, it is **2D650B**.

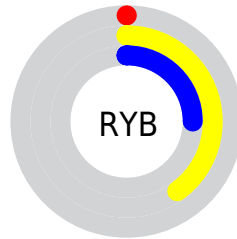
Distribution



Red (15%)

Green (40%)

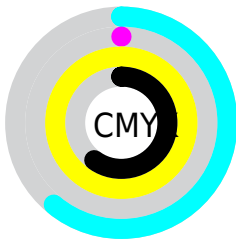
Blue (0%)



Red (0%)

Yellow (40%)

Blue (25%)

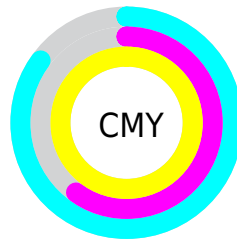


Cyan (61%)

Magenta (0%)

Yellow (99%)

Black (60%)



Cyan (85%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276501 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 276501 by changing the saturation by 10% instead.

 276501

 276501

 FFFFF6

 064C00

 5D993A

 003500

 78B453

 002100

 93CF6D

 000000

 AFEC87

 CBFFA2

 E8FFBD

 FFFFDA

 276501

 276501

■ 266500

■ 2D650B

■ 346515

■ 3A651F

■ 406529

■ 466534

■ 4D653E

■ 536548

■ 596552

■ 5F655C

Harmonies

Analogous

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



5D5B00



276501



006A38

Triad

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



276501



0065AE



A7204A

Complementary

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



276501



3F0165

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.



992A77



276501



0058B2

Square

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



276501



006B93



6D439E



9E341E

Rectangle

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



276501



006C58



6D439E



A51F59

Sweetspot

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



276501



6A825B



653F01



34422A



C2C2C2



424242

Same Dimension

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



276501



318200



01650D



30332E



2C7300



5CF200

Inverse Universe

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



3F0165



510082



650159



312E33



470073



9600F2

Previews

White Background



This preview shows how the Hex color 276501 looks on a white background.

Color Contrast Check

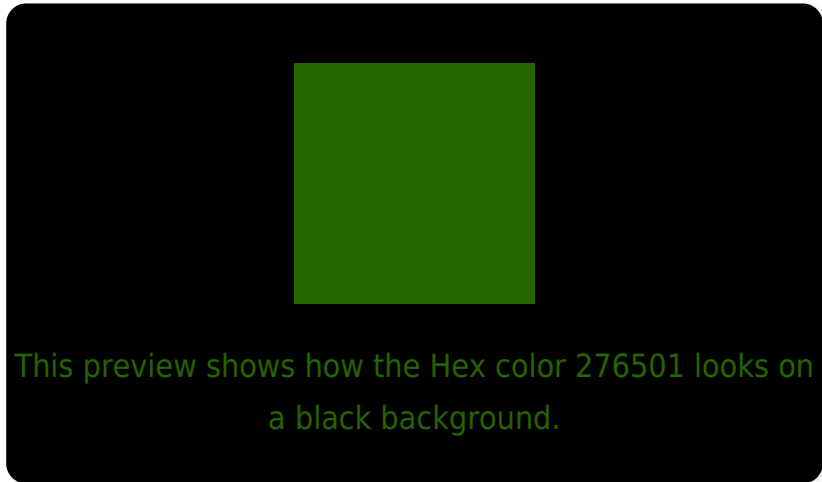
Large Text (above 18pt) WCAG AA ✓ Pass

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

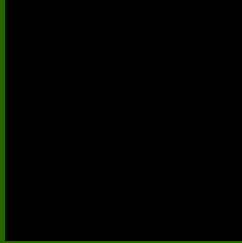
Any Text WCAG AA × Fail

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 276501 Background



This preview shows how black text looks on a background with the Hex color 276501.



This preview shows how white text looks on a background with the Hex color 276501.

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
276501

Protanopia
635800

Deuteranopia
6E5315



Tritanopia
385E65

Trichromacy



Original Color
276501

Protanomaly
4D5D00

Deuteranomaly
545A0E

Tritanomaly
326141

Monochromacy



Original Color
276501

Achromatopsia
474747

Achromatomaly
3B522E

CSS Examples

Text

The CSS property to change the color of the text to Hex 276501 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 #276501 looks like.

```
.text, #text, p{  
    color:#276501  
}
```

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 #276501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276501
}
```

Border

The CSS property to change the border of an element to Hex 276501 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".

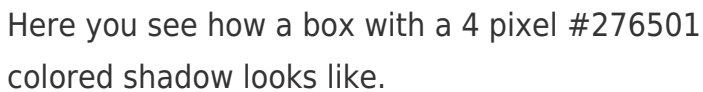
```
.border, #border, table{ border:4px solid
#276501 }
```

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

```
.border{ border-color:#276501 }
```

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

Here you see how a box with a 4 pixel #276501 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276501; -webkit-box-shadow:4px 4px  
4px 4px #276501; box-shadow:4px 4px 4px  
4px #276501 }
```

Background

The CSS property to change the background color of an element to Hex 276501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276501 }
```

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

```
.background{ background-color:#276501 }
```

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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