

# Converting Colors

Hex(275701)

Have a look what the booklet for  
Hex(275701) contains.

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**Color**

**Hex(275701)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	275701
RGB	39, 87, 1
RGB Percent	15%, 34%, 0%
CMY	0.8471, 0.6588, 0.9961
CMYK	0.55, 0.00, 0.99, 0.66
HSL	93°, 98%, 17%
HSV	93°, 99%, 34%
XYZ	4.2504, 7.2499, 1.2041
YIQ	62.8440, -1.0020, -36.9220

# Conversions

## Conversions Part 2

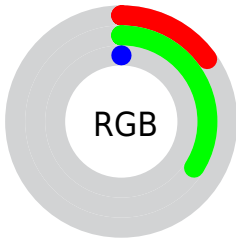
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 87, 49
Decimal	2578177
CIE <sub>Lab</sub>	32.37, -31.01, 38.84
CIE <sub>LCh</sub>	32, 49.701, 128.610
Yxy	7.2499, 0.3346, 0.5707
Android (android.graphics.Color)	4280768257 (0xFF275701)
YUV	62.8440, -30.4891, -20.9112
Hunter-Lab	26.9257, -18.9427, 16.1966

# Details

The Hex color **275701** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **310157**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5B8936**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **265700**, and if you desaturate by 10%, it is **2C570A**.

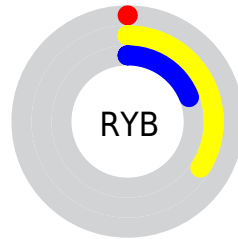
# Distribution



Red (15%)

Green (34%)

Blue (0%)



Red (0%)

Yellow (34%)

Blue (19%)

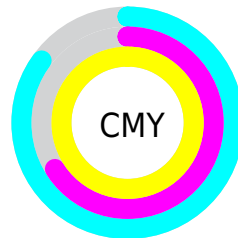


Cyan (55%)

Magenta (0%)

Yellow (99%)

Black (66%)



Cyan (85%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 275701 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 275701 by changing the saturation by 10% instead.



 275701

 275701

 FFFFFF1

 0D3F00

 5B8936

 002900

 75A44F

 000F00

 8FBF68

 000000

 ABDB82

 C7F89D

 E3FFB8

 FFFFD4

 275701

 275701

■ 265700

■ 2C570A

■ 315712

■ 36571B

■ 3A5724

■ 3F572D

■ 445735

■ 49573E

■ 4E5747

■ 53574F

# Harmonies

## Analogous

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



534E00



275701



005C2E

# Triad

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



275701



005895



901D43

# Complementary

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



275701



310157

# 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.



82276A



275701



004D9A

# Square

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



275701



005D7C



5A3C8A



892C1D

# Rectangle

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



275701



005D49



5A3C8A



8E1E50



# Sweetspot

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



275701



5D704F



573001



2D3824



B8B8B8



383838



# Same Dimension

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



275701



327000



015705



292B27



2F6B00



68EB00



# Inverse Universe

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



310157



3F0070



570153



29272B



3C006B



8300EB



# Previews

## White Background



This preview shows how the Hex color 275701 looks on a white background.

## Color Contrast Check

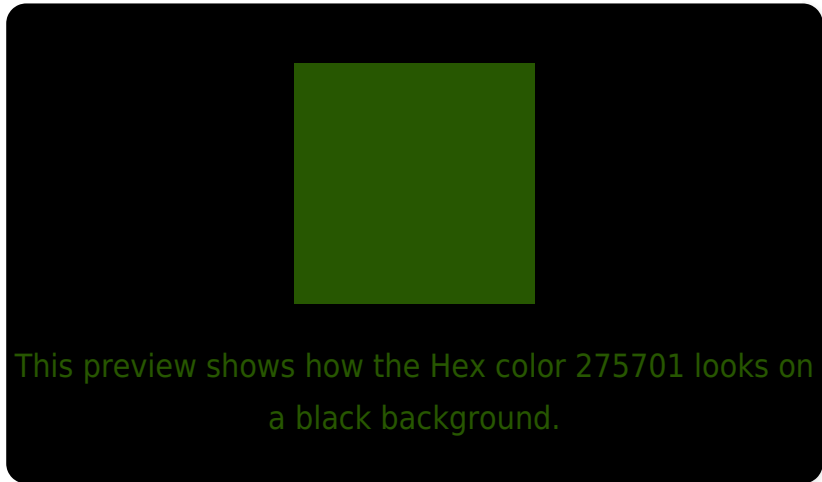
Large Text (above 18pt) WCAG AA ✓ Pass

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

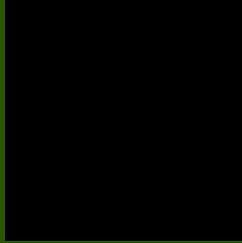
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 275701 Background



This preview shows how black text looks on a background with the Hex color 275701.



This preview shows how white text looks on a background with the Hex color 275701.

# 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**  
275701

**Protanopia**  
564C00

**Deuteranopia**  
604812



**Tritanopia**  
345157

# Trichromacy



**Original Color**  
275701

**Protanomaly**  
455000

**Deuteranomaly**  
4B4D0C

**Tritanomaly**  
2F5338

# Monochromacy



**Original Color**  
275701

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
364828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 275701 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 #275701 looks like.

```
.text, #text, p{  
    color:#275701  
}
```

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 #275701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275701
}
```

## Border

The CSS property to change the border of an element to Hex 275701 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".

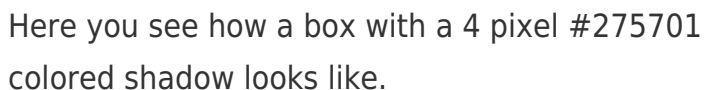
```
.border, #border, table{ border:4px solid
#275701 }
```

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

```
.border{ border-color:#275701 }
```

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

Here you see how a box with a 4 pixel #275701 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275701; -webkit-box-shadow:4px 4px  
4px 4px #275701; box-shadow:4px 4px 4px  
4px #275701 }
```

# Background

The CSS property to change the background color of an element to Hex 275701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275701 }
```

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

```
.background{ background-color:#275701 }
```

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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