

# Converting Colors

Hex(291705)

Have a look what the booklet for  
Hex(291705) contains.

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# Color

**Hex(291705)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	291705
RGB	41, 23, 5
RGB Percent	16%, 9%, 2%
CMY	0.8392, 0.9098, 0.9804
CMYK	0.00, 0.44, 0.88, 0.84
HSL	30°, 78%, 9%
HSV	30°, 88%, 16%
XYZ	1.2482, 1.0952, 0.2892
YIQ	26.3300, 16.5060, -1.7820

# Conversions

## Conversions Part 2

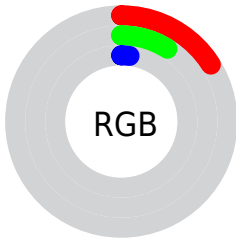
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 41, 5
Decimal	2692869
CIELab	9.76, 6.93, 12.69
CIELCh	10, 14.461, 61.365
Yxy	1.0952, 0.4741, 0.4160
Android (android.graphics.Color)	4280882949 (0xFF291705)
YUV	26.3300, -10.5157, 12.8656
Hunter-Lab	10.4650, 2.9772, 5.6872

# Details

The Hex color **291705** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **051729**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **574233**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291501**, and if you desaturate by 10%, it is **291909**.

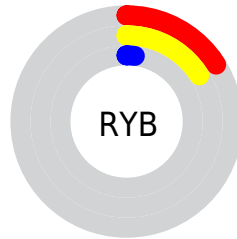
# Distribution



Red (16%)

Green (9%)

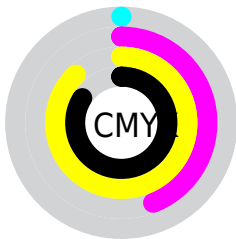
Blue (2%)



Red (16%)

Yellow (16%)

Blue (2%)

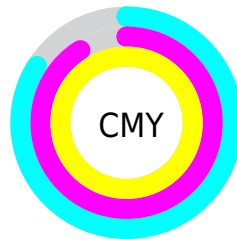


Cyan (0%)

Magenta (44%)

Yellow (88%)

Black (84%)



Cyan (84%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 291705 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 291705 by changing the saturation by 10% instead.



■ 291705

■ 291705

■ FFF9E6

■ 0F0000

■ 574233

■ 000000

■ 705949

■ 8A7261

■ A58B7A

■ C0A594

■ DCC1AE

■ F9DCCA

■ 291705

■ 291705

■ 291501

■ 291909

■ 291400

■ 291B0D

■ 291D11

■ 291F15

■ 29211A

■ 29231E

■ 292522

■ 292726

■ 29292A

# Harmonies

## Analogous

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



2D1411



291705



221A00

# Triad

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



291705



00201B



1C182C

# Complementary

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



291705



051729

# Split Complementary

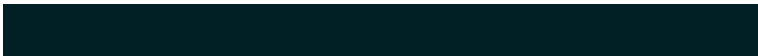
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0B1C2E



291705



002025

# Square

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



291705



0A1F11



001E2C



271524

# Rectangle

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



291705



1B1C02



001E2C



171A2D



# Sweetspot

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



291705



362F28



290517



1C1813



9C9C9C



1C1C1C



# Same Dimension

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



291705



361B00



292905



141312



542A00



D46A00



# Inverse Universe

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



051729



001B36



050529



121314



002A54

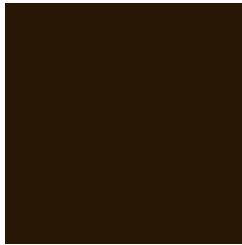


006AD4



# Previews

## White Background



This preview shows how the Hex color 291705 looks on a white background.

## Color Contrast Check

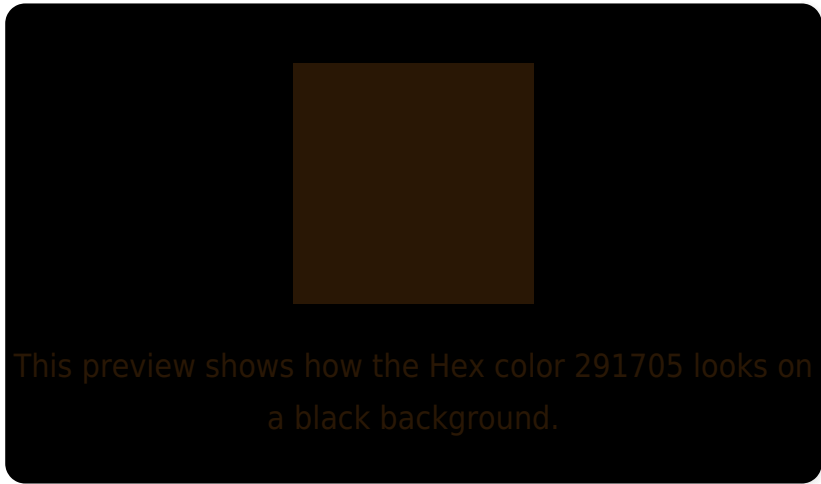
Large Text (above 18pt) WCAG AA ✓ Pass

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

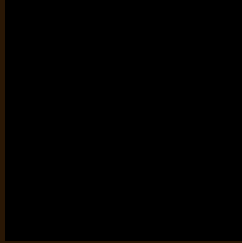
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 291705 Background



This preview shows how black text looks on a background with the Hex color 291705.

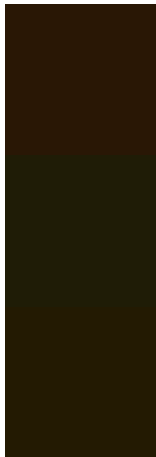


This preview shows how white text looks on a background with the Hex color 291705.

# 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**  
291705

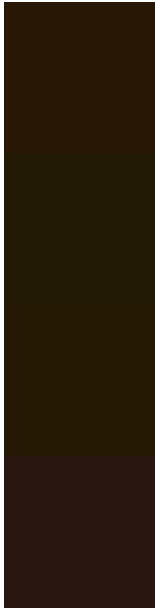
**Protanopia**  
1F1C06

**Deuteranopia**  
231A02



**Tritanopia**  
2A1517

# Trichromacy



**Original Color**  
291705

**Protanomaly**  
231A06

**Deuteranomaly**  
251903

**Tritanomaly**  
2A1610

# Monochromacy



**Original Color**  
291705

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1F1912

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 291705 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 #291705 looks like.

```
.text, #text, p{  
    color:#291705  
}
```

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 #291705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291705
}
```

## Border

The CSS property to change the border of an element to Hex 291705 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".

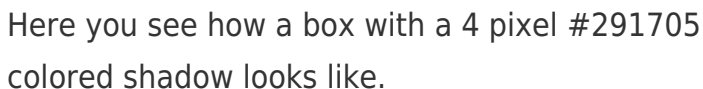
```
.border, #border, table{ border:4px solid
#291705 }
```

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

```
.border{ border-color:#291705 }
```

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

Here you see how a box with a 4 pixel #291705 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291705; -webkit-box-shadow:4px 4px  
4px 4px #291705; box-shadow:4px 4px 4px  
4px #291705 }
```

# Background

The CSS property to change the background color of an element to Hex 291705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291705 }
```

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

```
.background{ background-color:#291705 }
```

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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