

# Converting Colors

Decimal(289049)

Have a look what the booklet for  
Decimal(289049) contains.

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# Color

**Decimal(289049)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	046919
RGB	4, 105, 25
RGB Percent	2%, 41%, 10%
CMY	0.9843, 0.5882, 0.9020
CMYK	0.96, 0.00, 0.76, 0.59
HSL	132°, 93%, 21%
HSV	132°, 96%, 41%
XYZ	5.2771, 10.1991, 2.6102
YIQ	65.6810, -34.5160, -46.2920

# Conversions

## Conversions Part 2

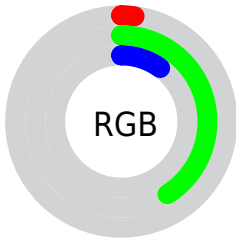
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 88, 105
Decimal	289049
CIELab	38.20, -42.86, 35.78
CIELCh	38, 55.832, 140.150
Yxy	10.1991, 0.2918, 0.5639
Android (android.graphics.Color)	4278479129 (0xFF046919)
YUV	65.6810, -20.0557, -54.0942
Hunter-Lab	31.9361, -26.3929, 17.5094

# Details

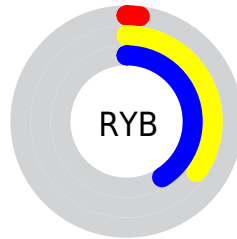
The Decimal color **289049** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6882388**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **4889930**, and **14336** is the 20% darker color. If you saturate the color by 10%, you get **26902**, and if you desaturate by 10%, it is **944417**.

# Distribution



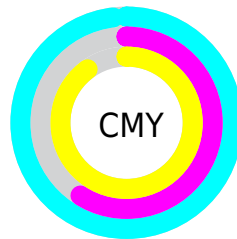
- Red (2%)
- Green (41%)
- Blue (10%)



- Red (2%)
- Yellow (35%)
- Blue (41%)



- Cyan (96%)
- Magenta (0%)
- Yellow (76%)
- Black (59%)



- Cyan (98%)
- Magenta (59%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 289049 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 Decimal color 289049 by changing the saturation by 10% instead.





289049



289049

16777215



20480



4889930



14336



6666595



8960



8508796



0



10350999



12189618



14090190



15990762



289049



289049

■ 26902

■ 944417

■ 1665322

■ 2386226

■ 3041594

■ 3762499

■ 4417867

■ 5138771

■ 5794140

■ 6449508

# Harmonies

## Analogous

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



5333248



289049



27977

# Triad

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



289049



25780



11020350

# Complementary

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



289049



6882388

# 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.



10626923



289049



3233200

# Square

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



289049



27807



8404629



9977362

# Rectangle

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



289049



28265



8404629



11084877



# Sweetspot

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



289049



6457962



5597444



2966834



12895428



4539717



# Same Dimension

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



289049



35357



289099



3159601



29976



62771



# Inverse Universe

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



6882388



9044077



6882338



3551284



7667805

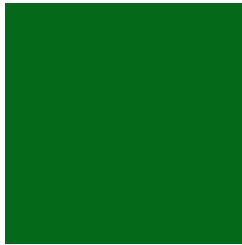


16056514



# Previews

## White Background



This preview shows how the Decimal color 289049 looks on a white background.

### Color Contrast Check

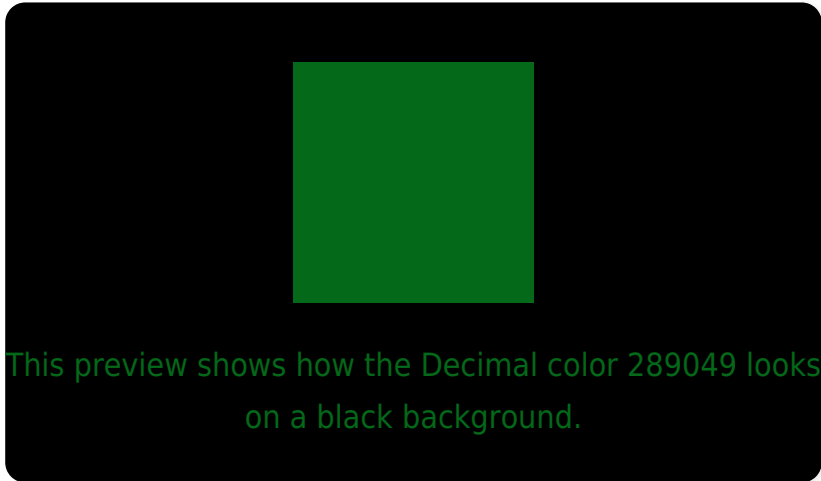
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 289049 Background



This preview shows how black text looks on a background with the Decimal color 289049.



This preview shows how white text looks on a background with the Decimal color 289049.

# 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**  
289049

**Protanopia**  
6642197

**Deuteranopia**  
7361825



# Trichromacy



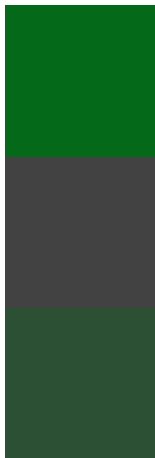
**Original Color**  
289049

**Protanomaly**  
4349718

**Deuteranomaly**  
4807710

**Tritanomaly**  
1926477

# Monochromacy



**Original Color**  
289049

**Achromatopsia**  
4342338

**Achromatomaly**  
2838579

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 289049 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 #046919 looks like.

```
.text, #text, p{  
    color:#046919  
}
```

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 #046919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #046919
}
```

## Border

The CSS property to change the border of an element to Decimal 289049 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".

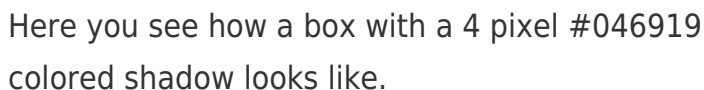
```
.border, #border, table{ border:4px solid
#046919 }
```

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

```
.border{ border-color:#046919 }
```

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

Here you see how a box with a 4 pixel #046919 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #046919; -webkit-box-shadow:4px 4px  
4px 4px #046919; box-shadow:4px 4px 4px  
4px #046919 }
```

# Background

The CSS property to change the background color of an element to Decimal 289049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#046919 }
```

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

```
.background{ background-color:#046919 }
```

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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