

# Converting Colors

Hex(289B00)

Have a look what the booklet for  
Hex(289B00) contains.

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**Color**

**Hex(289B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	289B00
RGB	40, 155, 0
RGB Percent	16%, 61%, 0%
CMY	0.8431, 0.3922, 1.0000
CMYK	0.74, 0.00, 1.00, 0.39
HSL	105°, 100%, 30%
HSV	105°, 100%, 61%
XYZ	12.5964, 23.8938, 3.9481
YIQ	102.9450, -18.7850, -72.5850

# Conversions

## Conversions Part 2

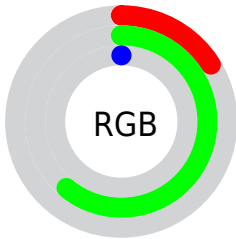
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 155, 115
Decimal	2661120
CIELab	55.98, -55.34, 57.91
CIELCh	56, 80.102, 133.702
Yxy	23.8938, 0.3115, 0.5909
Android (android.graphics.Color)	4280851200 (0xFF289B00)
YUV	102.9450, -50.7519, -55.2028
Hunter-Lab	48.8813, -39.5439, 29.4281

# Details

The Hex color **289B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **73009B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **69D346**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **289B00**, and if you desaturate by 10%, it is **339B0F**.

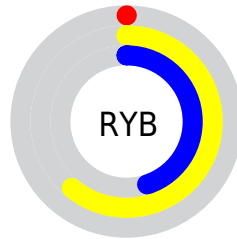
# Distribution



Red (16%)

Green (61%)

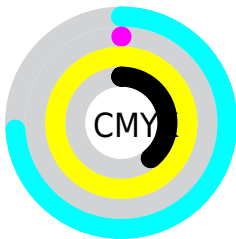
Blue (0%)



Red (0%)

Yellow (61%)

Blue (45%)

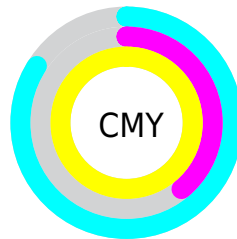


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (84%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 289B00 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 289B00 by changing the saturation by 10% instead.



 289B00

 289B00

FFFFFF

 008000

 69D346

 006600

 87EF62

 004D00

 A4FF7D

 003500

 C2FF98

 001D00

 E0FFB5

 000000

 FEFFD1

 FFFFEE

 289B00

 339B0F

 3F9B1F

 4A9B2F

 569B3E

 619B4E

 6D9B5D

 789B6C

 849B7C

 8F9B8B

# Harmonies

## Analogous

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



858D00



289B00



00A25C

# Triad

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



289B00



0099FF



FE2B6A

# Complementary

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



289B00



73009B

# 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.



ED37AF



289B00



0084FF

# Square

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



289B00



00A2E6



AF62EC



EC5126

# Rectangle

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



289B00



00A48D



AF62EC



FD2781



# Sweetspot

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



289B00



9DC98D



9B7200



4B6641



E6E6E6



666666



# Same Dimension

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



289B00



34C900



009B24



474D45



248C00



030D00



# Inverse Universe

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



73009B



9500C9



9B0077



4B454D



68008C

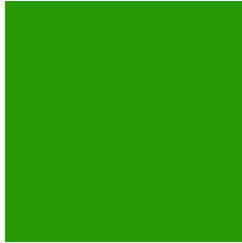


09000D



# Previews

## White Background



This preview shows how the Hex color 289B00 looks on a white background.

## Color Contrast Check

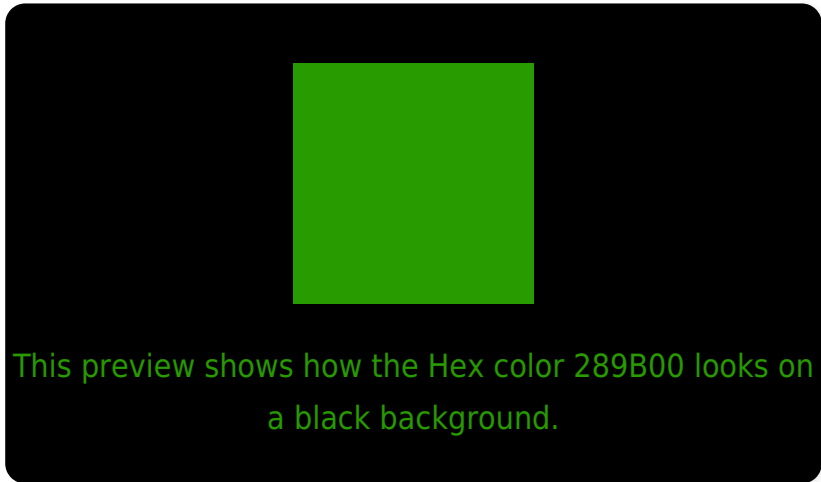
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 289B00 Background



This preview shows how black text looks on a background with the Hex color 289B00.

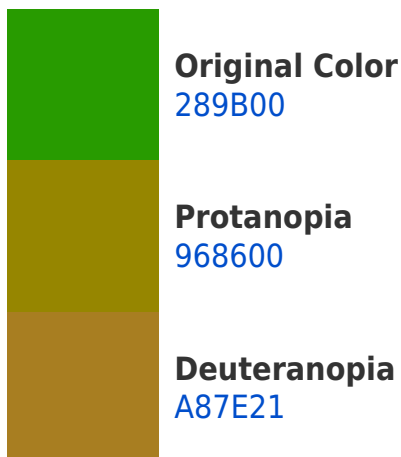



This preview shows how white text looks on a background with the Hex color 289B00.

# 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





**Tritanopia**  
4A909C

# Trichromacy



**Original Color**  
289B00



**Protanomaly**  
6E8E00



**Deuteranomaly**  
798915



**Tritanomaly**  
3E9463

# Monochromacy



**Original Color**  
289B00



**Achromatopsia**  
676767



**Achromatomaly**  
507A42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 289B00 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 #289B00 looks like.

```
.text, #text, p{  
    color:#289B00  
}
```

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 #289B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289B00
}
```

## Border

The CSS property to change the border of an element to Hex 289B00 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
#289B00 }
```

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

```
.border{ border-color:#289B00 }
```

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

Here you see how a box with a 4 pixel #289B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289B00; -webkit-box-shadow:4px 4px  
4px 4px #289B00; box-shadow:4px 4px 4px  
4px #289B00 }
```

# Background

The CSS property to change the background color of an element to Hex 289B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289B00 }
```

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

```
.background{ background-color:#289B00 }
```

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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