

# Converting Colors

Hex(288316)

Have a look what the booklet for  
Hex(288316) contains.

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# Color

Hex(288316)

# Conversions

## Conversions Part 1

Format	Color
Hex	288316
RGB	40, 131, 22
RGB Percent	16%, 51%, 9%
CMY	0.8431, 0.4863, 0.9137
CMYK	0.69, 0.00, 0.83, 0.49
HSL	110°, 71%, 30%
HSV	110°, 83%, 51%
XYZ	9.1362, 16.7416, 3.5090
YIQ	91.3650, -19.2470, -53.1910

# Conversions

## Conversions Part 2

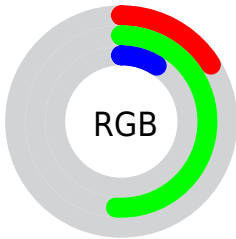
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 131, 113
Decimal	2654998
CIE Lab	47.93, -46.53, 46.58
CIE LCh	48, 65.842, 134.969
Yxy	16.7416, 0.3109, 0.5697
Android (android.graphics.Color)	4280845078 (0xFF288316)
YUV	91.3650, -34.1969, -45.0471
Hunter-Lab	40.9166, -31.7470, 23.5569

# Details

The Hex color **288316** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **711683**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **63B94C**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **1D8309**, and if you desaturate by 10%, it is **338323**.

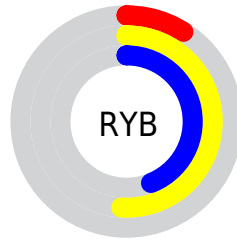
# Distribution



Red (16%)

Green (51%)

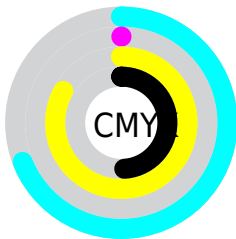
Blue (9%)



Red (9%)

Yellow (51%)

Blue (44%)

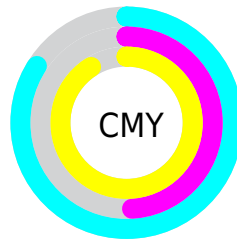


Cyan (69%)

Magenta (0%)

Yellow (83%)

Black (49%)



Cyan (84%)

Magenta (49%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 288316 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 288316 by changing the saturation by 10% instead.





288316



288316

FFFFFF



006900



63B94C



005000



7FD566



003800



9CF280



002300



B8FF9B



000000



D5FFB7



F3FFD3



FFFFFF0



288316



288316

■ 1D8309

■ 338323

■ 168300

■ 3E8330

■ 49833D

■ 54834A

■ 5F8358

■ 6A8365

■ 758372

■ 7F837F

■ 8A838C

# Harmonies

## Analogous

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



707800



288316



008953

# Triad

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



288316



0080DE



D33159

# Complementary

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



288316



711683

# 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.



C63790



288316



0B6FDE

# Square

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



288316



0088C0



9654C1



C44A23

# Rectangle

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



288316



008A7A



9654C1



D22F6B



# Sweetspot

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



288316



87AB80



837116



41573D



D6D6D6



575757



# Same Dimension

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



288316



1CAB00



16833A



3D423C



158200



000300



# Inverse Universe

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



711683



8F00AB



83165F



413C42



6D0082

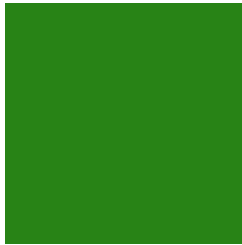


020003



# Previews

## White Background



This preview shows how the Hex color 288316 looks on a white background.

## Color Contrast Check

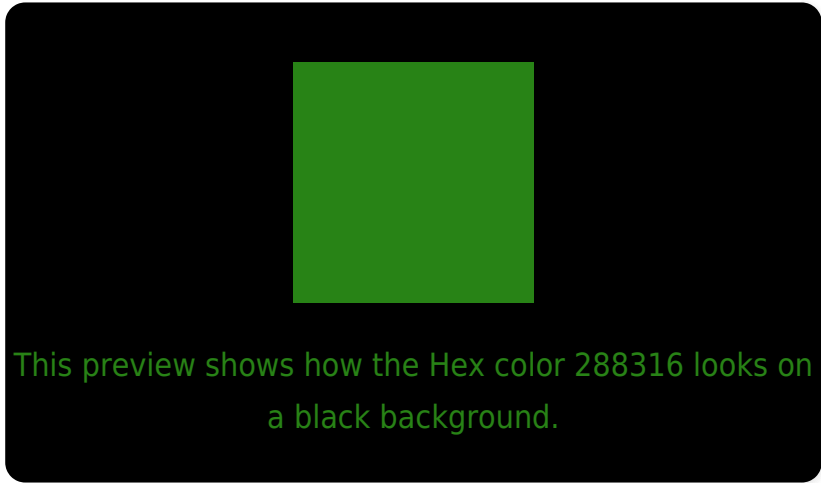
Large Text (above 18pt) WCAG AA ✓ Pass

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

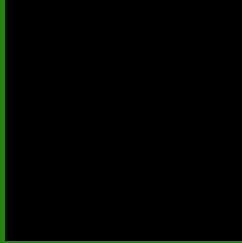
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 288316 Background



This preview shows how black text looks on a background with the Hex color 288316.




This preview shows how white text looks on a background with the Hex color 288316.

# 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**  
427A84

# Trichromacy



**Original Color**  
288316

**Protanomaly**  
5F7813

**Deuteranomaly**  
69741E

**Tritanomaly**  
397D5C

# Monochromacy



**Original Color**  
288316

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
486A42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 288316 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 #288316 looks like.

```
.text, #text, p{  
    color:#288316  
}
```

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 #288316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288316
}
```

## Border

The CSS property to change the border of an element to Hex 288316 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
#288316 }
```

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

```
.border{ border-color:#288316 }
```

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

Here you see how a box with a 4 pixel #288316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288316; -webkit-box-shadow:4px 4px  
4px 4px #288316; box-shadow:4px 4px 4px  
4px #288316 }
```

# Background

The CSS property to change the background color of an element to Hex 288316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288316 }
```

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

```
.background{ background-color:#288316 }
```

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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