

# Converting Colors

Hex(289047)

Have a look what the booklet for  
Hex(289047) contains.

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**Color**

**Hex(289047)**

# Conversions

## Conversions Part 1

Format	Color
Hex	289047
RGB	40, 144, 71
RGB Percent	16%, 56%, 28%
CMY	0.8431, 0.4353, 0.7216
CMYK	0.72, 0.00, 0.51, 0.44
HSL	138°, 57%, 36%
HSV	138°, 72%, 56%
XYZ	11.9857, 20.8526, 9.3545
YIQ	104.5820, -38.5510, -44.7510

# Conversions

## Conversions Part 2

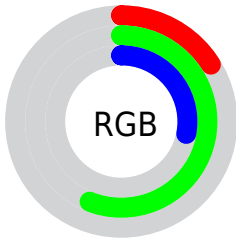
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 120, 144
Decimal	2658375
CIE <sub>Lab</sub>	52.79, -45.77, 30.35
CIE <sub>LCh</sub>	53, 54.915, 146.450
Yxy	20.8526, 0.2841, 0.4942
Android (android.graphics.Color)	4280848455 (0xFF289047)
YUV	104.5820, -16.5559, -56.6384
Hunter-Lab	45.6646, -33.0619, 19.8196

# Details

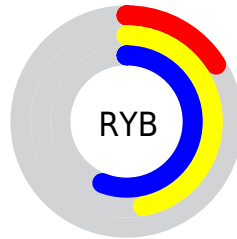
The Hex color **289047** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **902871**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **64C779**, and **005C18** is the 20% darker color. If you saturate the color by 10%, you get **1A903D**, and if you desaturate by 10%, it is **369051**.

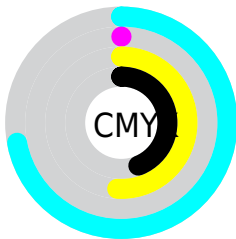
# Distribution



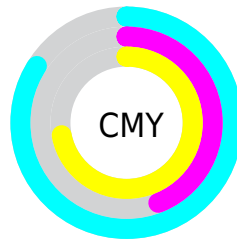
- Red (16%)
- Green (56%)
- Blue (28%)



- Red (16%)
- Yellow (47%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (51%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 289047 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 289047 by changing the saturation by 10% instead.



 289047

 289047

FFFFFF

 00762F

 64C779

 005C18

 80E393

 004400

 9DFFAE

 002D00

 B9FFCA

 001100

 D6FFE6

 000000

 F4FFFF

 289047

 289047

 1A903D

 369051

■ 0B9033

■ 45905B

■ 00902B

■ 539065

■ 62906F

■ 70907A

■ 7E9084

■ 8D908E

■ 9B9098

■ AA90A2

# Harmonies

## Analogous

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



6D8820



289047



009477

# Triad

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



289047



0085DC



D15557

# Complementary

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



289047



902871

# 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.



CF5186



289047



7474D3

# Square

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



289047



0090CC



B25FB3



BE672E

# Rectangle

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



289047



009497



B25FB3



D35266



# Sweetspot

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



289047



91BA9D



739028



465E4D



DEDEDE



5E5E5E



# Same Dimension

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



289047



18BA48



289079



404742



008728



000802



# Inverse Universe

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



902871



BA188A



90283F



474045



87005F



080005



# Previews

## White Background



This preview shows how the Hex color 289047 looks on a white background.

## Color Contrast Check

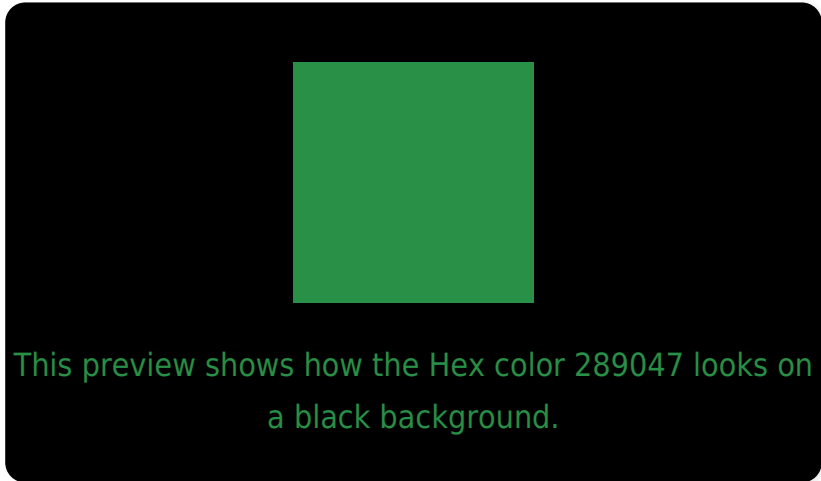
Large Text (above 18pt) WCAG AA ✓ Pass

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 289047 Background



This preview shows how black text looks on a background with the Hex color 289047.

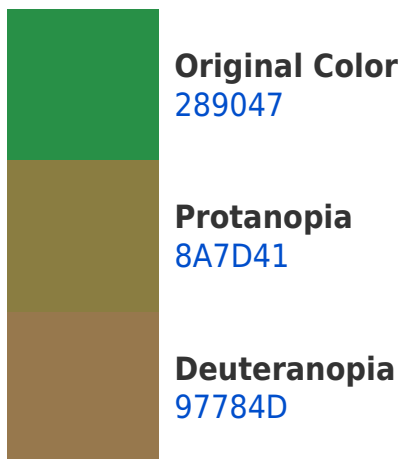


This preview shows how white text looks on a background with the Hex color 289047.

# 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](#).

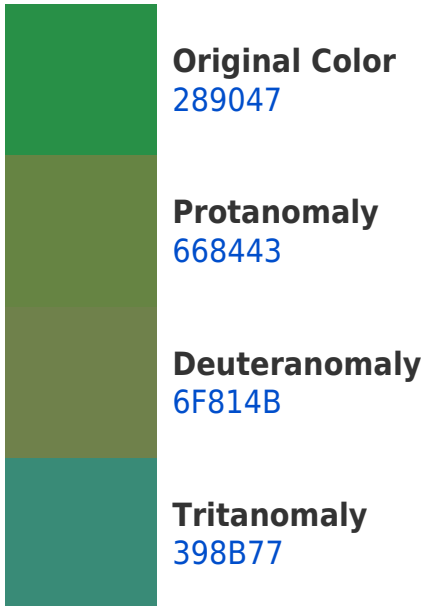
## Dichromacy





**Tritanopia**  
428893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 289047 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 #289047 looks like.

```
.text, #text, p{  
  color:#289047  
}
```

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 #289047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289047
}
```

## Border

The CSS property to change the border of an element to Hex 289047 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
#289047 }
```

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

```
.border{ border-color:#289047 }
```

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

Here you see how a box with a 4 pixel #289047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289047; -webkit-box-shadow:4px 4px  
4px 4px #289047; box-shadow:4px 4px 4px  
4px #289047 }
```

# Background

The CSS property to change the background color of an element to Hex 289047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289047 }
```

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

```
.background{ background-color:#289047 }
```

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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