

# Converting Colors

Hex(288241)

Have a look what the booklet for  
Hex(288241) contains.

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# Color

Hex(288241)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	288241
RGB	40, 130, 65
RGB Percent	16%, 51%, 25%
CMY	0.8431, 0.4902, 0.7451
CMYK	0.69, 0.00, 0.50, 0.49
HSL	137°, 53%, 33%
HSV	137°, 69%, 51%
XYZ	9.8118, 16.7980, 7.7262
YIQ	95.6800, -32.7750, -39.2950

# Conversions

## Conversions Part 2

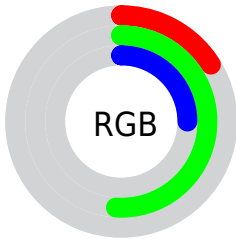
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 110, 130
Decimal	2654785
CIELab	48.00, -41.33, 27.55
CIELCh	48, 49.671, 146.310
Yxy	16.7980, 0.2858, 0.4892
Android (android.graphics.Color)	4280844865 (0xFF288241)
YUV	95.6800, -15.1252, -48.8314
Hunter-Lab	40.9854, -28.9919, 17.5129

# Details

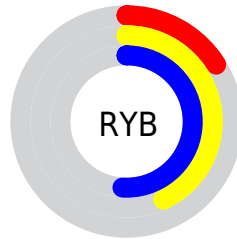
The Hex color **288241** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **822869**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **61B872**, and **004F13** is the 20% darker color. If you saturate the color by 10%, you get **1B8238**, and if you desaturate by 10%, it is **35824A**.

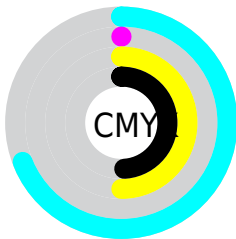
# Distribution



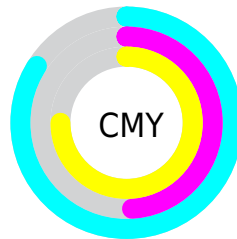
- Red (16%)
- Green (51%)
- Blue (25%)



- Red (16%)
- Yellow (43%)
- Blue (51%)



- Cyan (69%)
- Magenta (0%)
- Yellow (50%)
- Black (49%)



- Cyan (84%)
- Magenta (49%)
- Yellow (75%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 288241 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 288241 by changing the saturation by 10% instead.



 288241

 288241

FFFFFF


 00682A

 61B872

 004F13

 7DD48C

 003700

 98F0A7

 002300

 B5FFC2

 000000

 D1FFDE

 EEEFFB

 288241

 288241

 1B8238

 35824A

■ 0E822E

■ 428254

■ 018225

■ 4F825D

■ 008224

■ 5C8267

■ 698270

■ 768279

■ 838283

■ 90828C

■ 9D8296

# Harmonies

## Analogous

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



637A1F



288241



00866B

# Triad

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



288241



0078C6



BC4E4F

# Complementary

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



288241



822869

# 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.



BA4A79



288241



6969BD

# Square

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



288241



0082B7



A057A1



AB5E2C

# Rectangle

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



288241



008688



A057A1



BE4B5D



# Sweetspot

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



288241



85A88F



6A8228



3F5445



D4D4D4



545454



# Same Dimension

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



288241



1DA843



28826D



39403B



008023



000000



# Inverse Universe

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



822869



A81D81



82283D



40393E



80005C



000000



# Previews

## White Background



This preview shows how the Hex color 288241 looks on a white background.

## Color Contrast Check

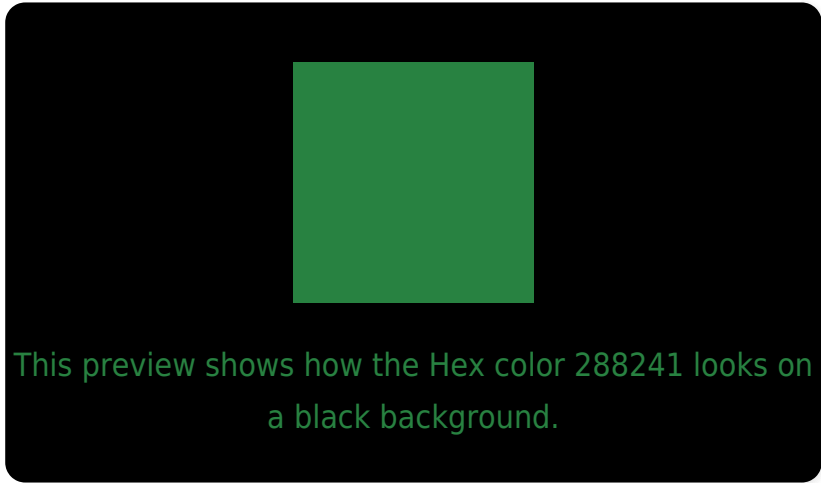
Large Text (above 18pt) WCAG AA ✓ Pass

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

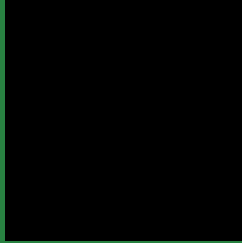
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 288241 Background



This preview shows how black text looks on a background with the Hex color 288241.



This preview shows how white text looks on a background with the Hex color 288241.

# 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**  
288241

**Protanopia**  
7D713B

**Deuteranopia**  
896C46



**Tritanopia**  
3E7B84

# Trichromacy



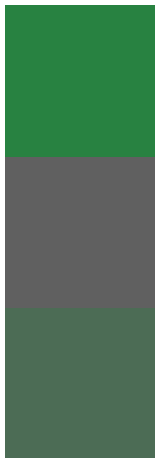
**Original Color**  
288241

**Protanomaly**  
5E773D

**Deuteranomaly**  
667444

**Tritanomaly**  
367E6C

# Monochromacy



**Original Color**  
288241

**Achromatopsia**  
606060

**Achromatomaly**  
4C6C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 288241 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 #288241 looks like.

```
.text, #text, p{  
    color:#288241  
}
```

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 #288241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288241
}
```

## Border

The CSS property to change the border of an element to Hex 288241 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
#288241 }
```

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

```
.border{ border-color:#288241 }
```

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

Here you see how a box with a 4 pixel #288241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288241; -webkit-box-shadow:4px 4px  
4px 4px #288241; box-shadow:4px 4px 4px  
4px #288241 }
```

# Background

The CSS property to change the background color of an element to Hex 288241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288241 }
```

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

```
.background{ background-color:#288241 }
```

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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