

Converting Colors

Hex(288645)

Have a look what the booklet for
Hex(288645) contains.

Hex(288645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(288645)

Conversions

Conversions Part 1

Format	Color
Hex	288645
RGB	40, 134, 69
RGB Percent	16%, 53%, 27%
CMY	0.8431, 0.4745, 0.7294
CMYK	0.70, 0.00, 0.49, 0.47
HSL	139°, 54%, 34%
HSV	139°, 70%, 53%
XYZ	10.4743, 17.9310, 8.5392
YIQ	98.4840, -35.1590, -40.1430

Conversions

Conversions Part 2

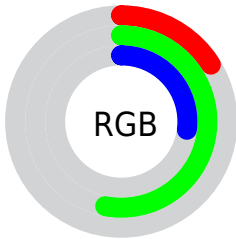
Format	Color
RYB	40, 112, 134
Decimal	2655813
CIELab	49.41, -42.23, 27.17
CIELCh	49, 50.218, 147.243
Yxy	17.9310, 0.2835, 0.4853
Android (android.graphics.Color)	4280845893 (0xFF288645)
YUV	98.4840, -14.5356, -51.2905
Hunter-Lab	42.3450, -29.9504, 17.6852

Details

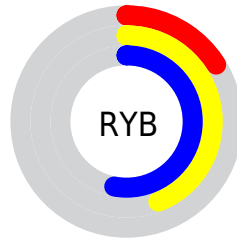
The Hex color **288645** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **862869**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **62BC76**, and **005317** is the 20% darker color. If you saturate the color by 10%, you get **1B863C**, and if you desaturate by 10%, it is **35864E**.

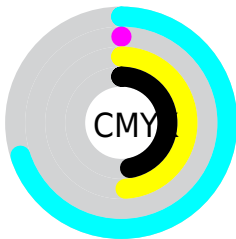
Distribution



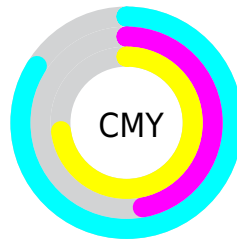
- Red (16%)
- Green (53%)
- Blue (27%)



- Red (16%)
- Yellow (44%)
- Blue (53%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (47%)



- Cyan (84%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288645 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 288645 by changing the saturation by 10% instead.

 288645

 288645

FFFFFF

 006C2E

 62BC76

 005317

 7ED890

 003B00

 99F5AB

 002600

 B6FFC7

 000000

 D3FFE3

 F0FFFF

 288645

 288645

 1B863C

 35864E

■ 0D8632

■ 438658

■ 008629

■ 508661

■ 5E866A

■ 6B8673

■ 78867D

■ 868686

■ 93868F

■ A18698

Harmonies

Analogous

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



657E22



288645



008A70

Triad

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



288645



007CCB



C15251

Complementary

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



288645



862869

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.



BF4D7B



288645



6F6CC2

Square

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



288645



0085BD



A559A4



AF612D

Rectangle

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



288645



008A8D



A559A4



C34E5F

Sweetspot

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



288645



89AD94



6A8628



415748



D6D6D6



575757

Same Dimension

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



288645



1CAD49



288673



3C423E



008228



000301

Inverse Universe

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



862869



AD1C80



86283B



423C40



82005A



030002

Previews

White Background



This preview shows how the Hex color 288645 looks on a white background.

Color Contrast Check

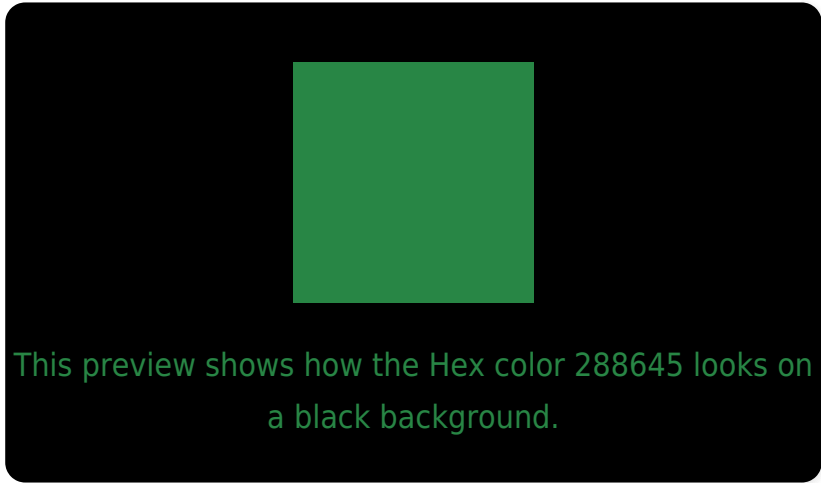
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 288645 Background



This preview shows how black text looks on a background with the Hex color 288645.



This preview shows how white text looks on a background with the Hex color 288645.

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
3F7E89

Trichromacy



Original Color
288645

Protanomaly
617B41

Deuteranomaly
687849

Tritanomaly
378170

Monochromacy



Original Color
288645

Achromatopsia
626262

Achromatomaly
4D6F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 288645 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 #288645 looks like.

```
.text, #text, p{  
    color:#288645  
}
```

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 #288645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288645
}
```

Border

The CSS property to change the border of an element to Hex 288645 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
#288645 }
```

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

```
.border{ border-color:#288645 }
```

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

Here you see how a box with a 4 pixel #288645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288645; -webkit-box-shadow:4px 4px  
4px 4px #288645; box-shadow:4px 4px 4px  
4px #288645 }
```

Background

The CSS property to change the background color of an element to Hex 288645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288645 }
```

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

```
.background{ background-color:#288645 }
```

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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