

Converting Colors

Hex(308451)

Have a look what the booklet for
Hex(308451) contains.

Hex(308451)	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(308451)

Conversions

Conversions Part 1

Format	Color
Hex	308451
RGB	48, 132, 81
RGB Percent	19%, 52%, 32%
CMY	0.8118, 0.4824, 0.6824
CMYK	0.64, 0.00, 0.39, 0.48
HSL	144°, 47%, 35%
HSV	144°, 64%, 52%
XYZ	10.9554, 17.7250, 10.6284
YIQ	101.0700, -33.6930, -33.6690

Conversions

Conversions Part 2

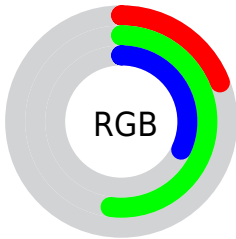
Format	Color
R_{YB}	48, 108, 132
Decimal	3179601
CIE _{Lab}	49.16, -37.53, 20.26
CIE _{LCh}	49, 42.652, 151.642
Yxy	17.7250, 0.2787, 0.4509
Android (android.graphics.Color)	4281369681 (0xFF308451)
YUV	101.0700, -9.8945, -46.5424
Hunter-Lab	42.1011, -27.2282, 14.5029




Details

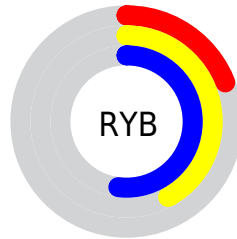
The Hex color **308451** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **843063**, and the grayscale version is **656565**.




A 20% lighter version of the original color is **67BA83**, and **005123** is the 20% darker color. If you saturate the color by 10%, you get **238449**, and if you desaturate by 10%, it is **3D8459**.

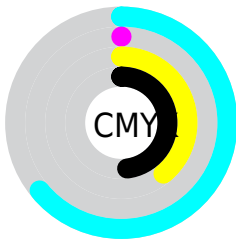
Distribution







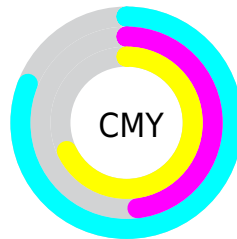
-  Red (19%)
-  Green (52%)
-  Blue (32%)






-  Red (19%)
-  Yellow (42%)
-  Blue (52%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (39%)
-  Black (48%)



-  Cyan (81%)
-  Magenta (48%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308451 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 308451 by changing the saturation by 10% instead.



308451



308451

FFFFFF



0D6A3A



67BA83



005123



82D69D



003A0E



9EF2B8



002500



BAFFD4



000000



D7FFF0



F4FFFF



308451



308451



238449



3D8459

■ 168441

■ 4A8461

■ 088439

■ 588469

■ 008434

■ 658471

■ 728479

■ 7F8481

■ 8C8489

■ 9A8491

■ A78499

Harmonies

Analogous

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



627E34



308451



008776

Triad

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



308451



2F78BD



B55A51

Complementary

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



308451



843063

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.



B65574



308451



796BB3

Square

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



308451



0081B4



A35C98



A46635

Rectangle

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



308451



00878E



A35C98



B8575C

Sweetspot

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



308451



8AAB97



648430



43574B



D6D6D6



575757

Same Dimension

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



308451



29AB5C



30847A



3C423E



008233



000301

Inverse Universe

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



843063



AB2978



84303A



423C40



82004F



030002

Previews

White Background



This preview shows how the Hex color 308451 looks on a white background.

Color Contrast Check

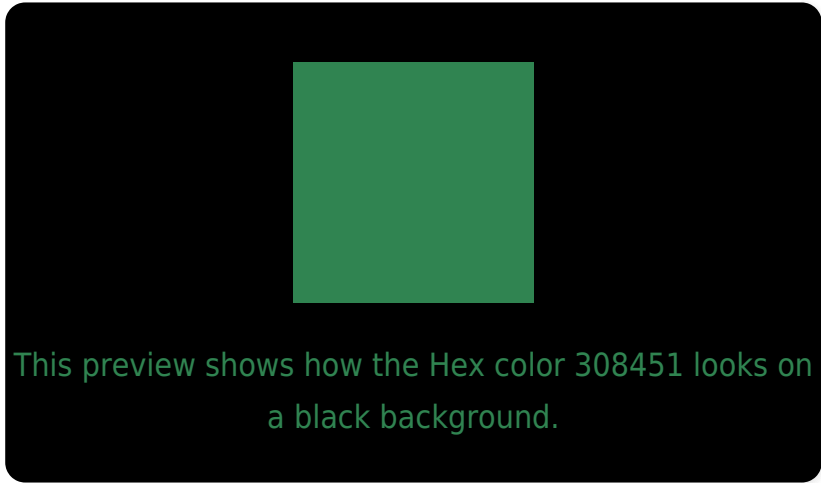
Large Text (above 18pt) WCAG AA ✓ Pass

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 308451 Background



This preview shows how black text looks on a background with the Hex color 308451.



This preview shows how white text looks on a background with the Hex color 308451.

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
308451

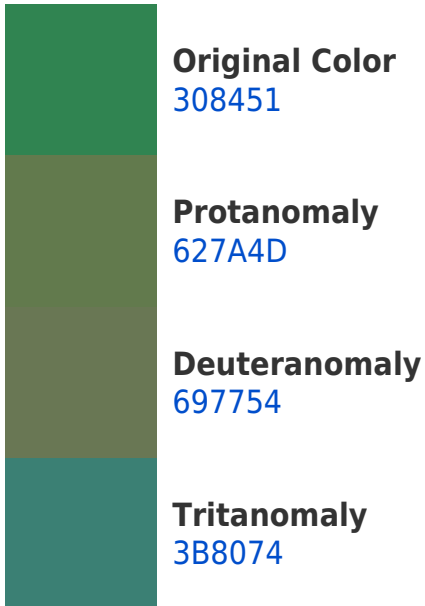
Protanopia
7E744B

Deuteranopia
896F56

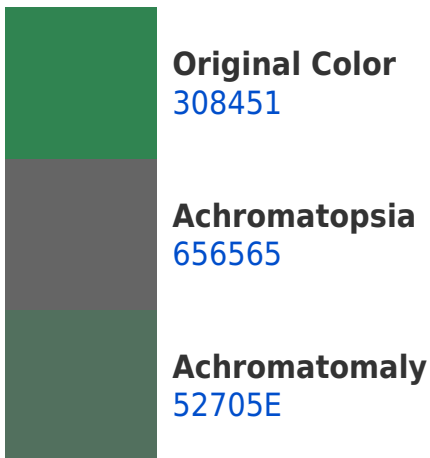


Tritanopia
417D88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 308451 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 #308451 looks like.

```
.text, #text, p{  
    color:#308451  
}
```

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 #308451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308451
}
```

Border

The CSS property to change the border of an element to Hex 308451 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
#308451 }
```

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

```
.border{ border-color:#308451 }
```

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

Here you see how a box with a 4 pixel #308451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308451; -webkit-box-shadow:4px 4px  
4px 4px #308451; box-shadow:4px 4px 4px  
4px #308451 }
```

Background

The CSS property to change the background color of an element to Hex 308451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308451 }
```

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

```
.background{ background-color:#308451 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor