

# Converting Colors

Hex(298055)

Have a look what the booklet for  
Hex(298055) contains.

<b>Hex(298055)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(298055)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	298055
RGB	41, 128, 85
RGB Percent	16%, 50%, 33%
CMY	0.8392, 0.4980, 0.6667
CMYK	0.68, 0.00, 0.34, 0.50
HSL	150°, 51%, 33%
HSV	150°, 68%, 50%
XYZ	10.2733, 16.5656, 11.2504
YIQ	97.0850, -38.0490, -31.8170

# Conversions

## Conversions Part 2

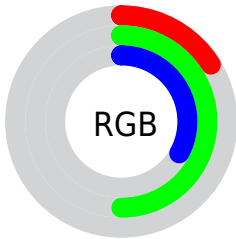
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 99, 128
Decimal	2719829
CIELab	47.71, -36.43, 15.99
CIELCh	48, 39.785, 156.300
Yxy	16.5656, 0.2697, 0.4349
Android (android.graphics.Color)	4280909909 (0xFF298055)
YUV	97.0850, -5.9579, -49.1865
Hunter-Lab	40.7009, -26.1714, 12.1020

# Details

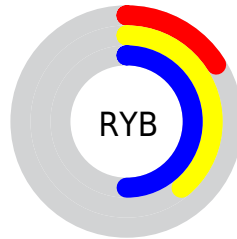
The Hex color **298055** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **802954**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **61B687**, and **004E27** is the 20% darker color. If you saturate the color by 10%, you get **1C804F**, and if you desaturate by 10%, it is **36805B**.

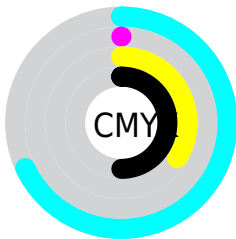
# Distribution



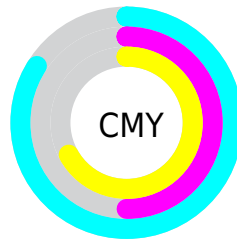
- Red (16%)
- Green (50%)
- Blue (33%)



- Red (16%)
- Yellow (39%)
- Blue (50%)



- Cyan (68%)
- Magenta (0%)
- Yellow (34%)
- Black (50%)



- Cyan (84%)
- Magenta (50%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 298055 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 298055 by changing the saturation by 10% instead.



 298055

 298055

FFFFFF

 00663E

 61B687

 004E27

 7CD1A1

 003613

 98EEBC

 002200

 B4FFD8

 000000

 D1FFF5

 EEEFFF

 298055

 298055

 1C804F

 36805B

■ 0F8048

■ 438062

■ 038042

■ 4F8068

■ 008041

■ 5C806E

■ 698075

■ 76807B

■ 838081

■ 8F8088

■ 9C808E

# Harmonies

## Analogous

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



5A7B39



298055



008277

# Triad

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



298055



4272B4



AC5A4B

# Complementary

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



298055



802954

# 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.



AF546B



298055



7D66A7

# Square

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



298055



007CAE



A0598D



9A6633

# Rectangle

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



298055



00828E



A0598D



AF5755



# Sweetspot

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



298055



85A695



558029



40544A



D4D4D4



545454



# Same Dimension

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



298055



1EA663



298080



39403D



008040



000000



# Inverse Universe

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



802954



A61E61



802929



40393D



80003F



000000



# Previews

## White Background



This preview shows how the Hex color 298055 looks on a white background.

## Color Contrast Check

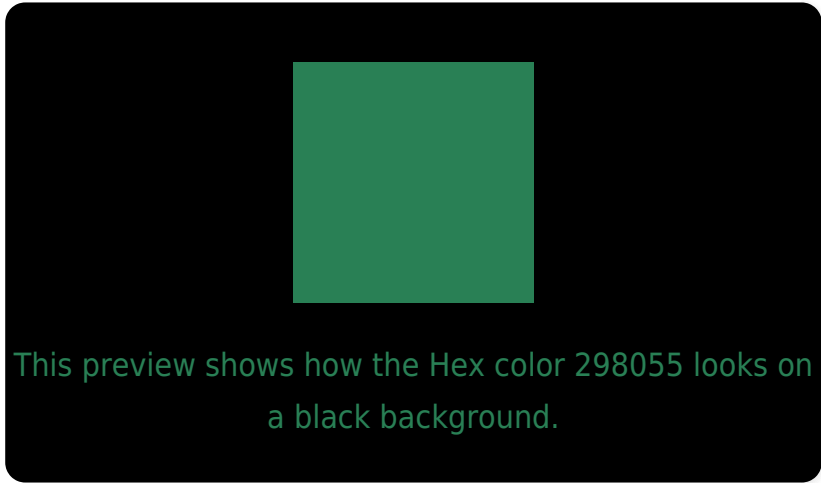
Large Text (above 18pt) WCAG AA ✓ Pass

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

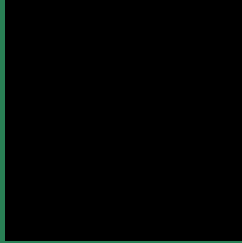
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 298055 Background



This preview shows how black text looks on a background with the Hex color 298055.

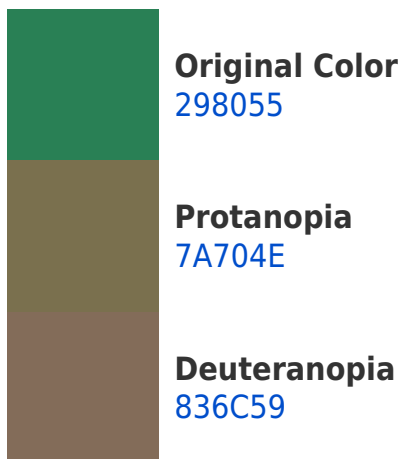



This preview shows how white text looks on a background with the Hex color 298055.

# 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**  
3B7A84

# Trichromacy



**Original Color**  
298055

**Protanomaly**  
5D7651

**Deuteranomaly**  
627358

**Tritanomaly**  
347C73

# Monochromacy



**Original Color**  
298055

**Achromatopsia**  
616161

**Achromatomaly**  
4D6C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 298055 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 #298055 looks like.

```
.text, #text, p{  
    color:#298055  
}
```

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 #298055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298055
}
```

## Border

The CSS property to change the border of an element to Hex 298055 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
#298055 }
```

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

```
.border{ border-color:#298055 }
```

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

Here you see how a box with a 4 pixel #298055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298055; -webkit-box-shadow:4px 4px  
4px 4px #298055; box-shadow:4px 4px 4px  
4px #298055 }
```

# Background

The CSS property to change the background color of an element to Hex 298055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298055 }
```

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

```
.background{ background-color:#298055 }
```

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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