

Converting Colors

Hex(278351)

Have a look what the booklet for
Hex(278351) contains.

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Color

Hex(278351)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 278351 |
| RGB | 39, 131, 81 |
| RGB Percent | 15%, 51%, 32% |
| CMY | 0.8471, 0.4863, 0.6824 |
| CMYK | 0.70, 0.00, 0.38, 0.49 |
| HSL | 147°, 54%, 33% |
| HSV | 147°, 70%, 51% |
| XYZ | 10.4382, 17.2580, 10.5656 |
| YIQ | 97.7920, -38.7820, -35.0540 |

Conversions

Conversions Part 2

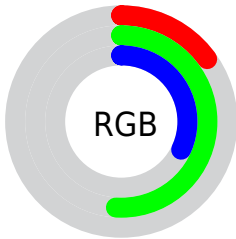
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 39, 102, 131 |
| Decimal | 2589521 |
| CIE _{Lab} | 48.58, -38.94, 19.45 |
| CIE _{LCh} | 49, 43.522, 153.461 |
| Yxy | 17.2580, 0.2728, 0.4511 |
| Android (android.graphics.Color) | 4280779601 (0xFF278351) |
| YUV | 97.7920, -8.2785, -51.5606 |
| Hunter-Lab | 41.5428, -27.8492, 14.0007 |

Details

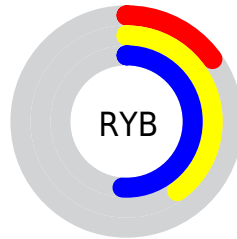
The Hex color **278351** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **832759**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60B983**, and **005023** is the 20% darker color. If you saturate the color by 10%, you get **1A834A**, and if you desaturate by 10%, it is **348358**.

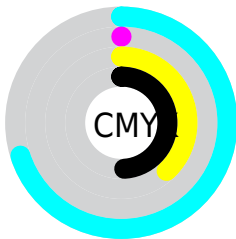
Distribution



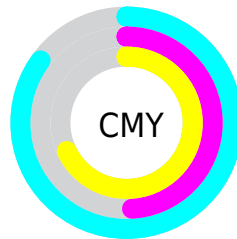
- Red (15%)
- Green (51%)
- Blue (32%)



- Red (15%)
- Yellow (40%)
- Blue (51%)



- Cyan (70%)
- Magenta (0%)
- Yellow (38%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 278351 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 278351 by changing the saturation by 10% instead.

 278351

 278351

FFFFFF

 00693A

 60B983

 005023

 7CD59D

 00390E

 98F1B8

 002400

 B4FFD4

 000000

 D1FFF0

 EEEFFF

 278351

 278351

 1A834A

 348358

■ 0D8343

■ 41835F

■ 00833C

■ 4E8366

■ 5B836D

■ 698375

■ 76837C

■ 838383

■ 90838A

■ 9D8391

Harmonies

Analogous

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



5E7D33



278351



008677

Triad

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



278351



3076BD



B4584D

Complementary

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



278351



832759

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.



B65271



278351



7B68B1

Square

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



278351



0080B5



A45995



A26531

Rectangle

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



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008590



A45995



B75558

Sweetspot

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



278351



87AB97



5A8327



41574B



D6D6D6



575757

Same Dimension

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



278351



1BAB5D



27837E



3C423F



00823B



000301

Inverse Universe

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



832759



AB1B69



83272C



423C3F



820047



030001

Previews

White Background



This preview shows how the Hex color 278351 looks on a white background.

Color Contrast Check

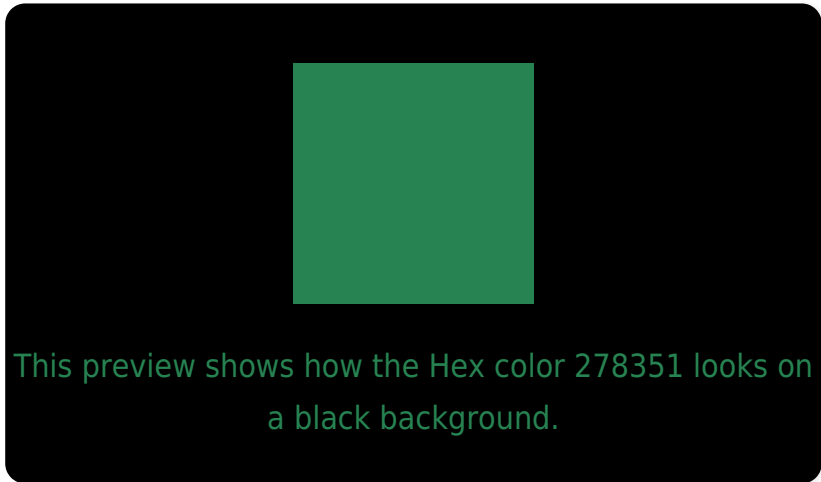
Large Text (above 18pt) WCAG AA ✓ Pass

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 278351 Background



This preview shows how black text looks on a background with the Hex color 278351.



This preview shows how white text looks on a background with the Hex color 278351.

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
278351

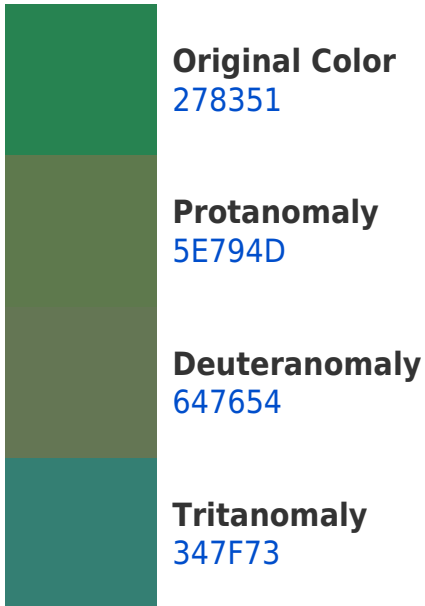
Protanopia
7D734A

Deuteranopia
876E56



Tritanopia
3B7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 278351 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 #278351 looks like.

```
.text, #text, p{  
    color:#278351  
}
```

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 #278351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278351
}
```

Border

The CSS property to change the border of an element to Hex 278351 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
#278351 }
```

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

```
.border{ border-color:#278351 }
```

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

Here you see how a box with a 4 pixel #278351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278351; -webkit-box-shadow:4px 4px  
4px 4px #278351; box-shadow:4px 4px 4px  
4px #278351 }
```

Background

The CSS property to change the background color of an element to Hex 278351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278351 }
```

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

```
.background{ background-color:#278351 }
```

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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