

# Converting Colors

Hex(287A59)

Have a look what the booklet for  
Hex(287A59) contains.

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# Color

Hex(287A59)

# Conversions

## Conversions Part 1

Format	Color
Hex	287A59
RGB	40, 122, 89
RGB Percent	16%, 48%, 35%
CMY	0.8431, 0.5216, 0.6510
CMYK	0.67, 0.00, 0.27, 0.52
HSL	156°, 51%, 32%
HSV	156°, 67%, 48%
XYZ	9.6378, 15.0915, 11.8562
YIQ	93.7200, -38.2790, -27.6470

# Conversions

## Conversions Part 2

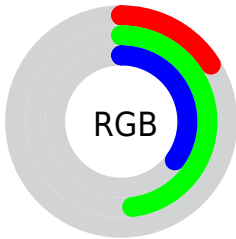
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 91, 122
Decimal	2652761
CIELab	45.76, -33.05, 10.98
CIELCh	46, 34.821, 161.625
Yxy	15.0915, 0.2634, 0.4125
Android (android.graphics.Color)	4280842841 (0xFF287A59)
YUV	93.7200, -2.3270, -47.1124
Hunter-Lab	38.8477, -23.6992, 9.0983

# Details

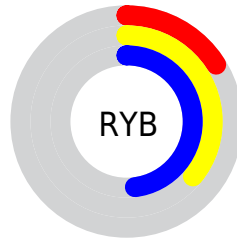
The Hex color **287A59** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A2849**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5FAF8B**, and **00482B** is the 20% darker color. If you saturate the color by 10%, you get **1C7A54**, and if you desaturate by 10%, it is **347A5E**.

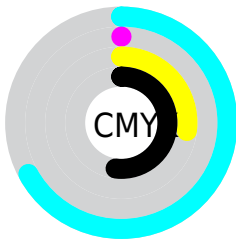
# Distribution



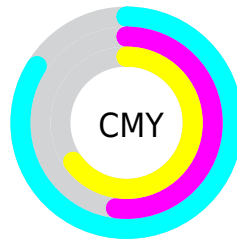
- Red (16%)
- Green (48%)
- Blue (35%)



- Red (16%)
- Yellow (36%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (27%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 287A59 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 287A59 by changing the saturation by 10% instead.



 287A59

 287A59

FFFFFF

 006142

 5FAF8B

 00482B

 7ACBA5

 003117

 96E7C1

 001D00

 B2FFDC

 000000

 CEFFF9

 EBFFFF

 287A59

 287A59

 1C7A54

 347A5E

■ 107A4F

■ 407A63

■ 037A4A

■ 4D7A68

■ 007A49

■ 597A6D

■ 657A72

■ 717A76

■ 7D7A7B

■ 8A7A80

■ 967A85

# Harmonies

## Analogous

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



53763F



287A59



007B77

# Triad

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



287A59



516CA5



9E5A47

# Complementary

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



287A59



7A2849

# 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.



A35462



287A59



7E6098

# Square

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



287A59



0074A3



99577F



8D6435

# Rectangle

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



287A59



007B8A



99577F



A2574F



# Sweetspot

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



287A59



7E9E91



4A7A28



3C4F47



CFCFCF



4F4F4F



# Same Dimension

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



287A59



1E9E6B



28737A



373D3B



007D4B



00FC97



# Inverse Universe

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



7A2849



9E1E52



7A2F28



3D373A



7D0032



FC0066



# Previews

## White Background



This preview shows how the Hex color 287A59 looks on a white background.

## Color Contrast Check

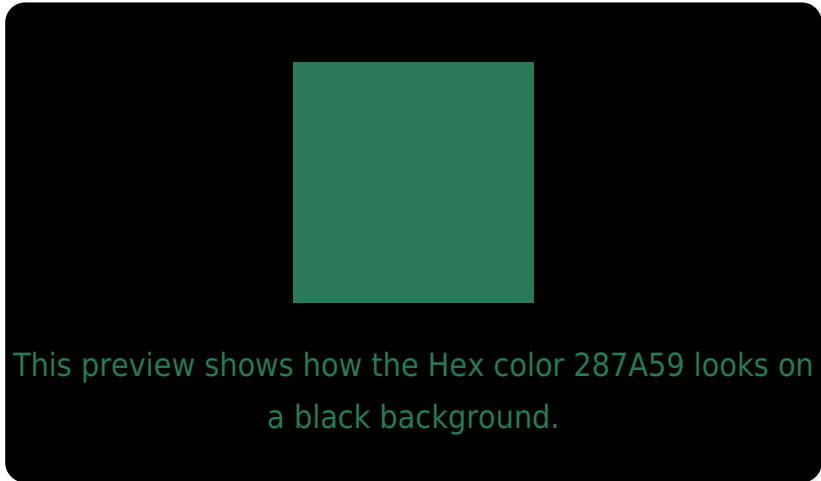
Large Text (above 18pt) WCAG AA ✓ Pass

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

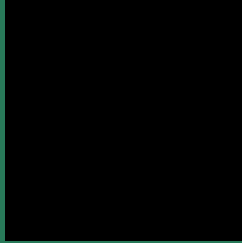
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 287A59 Background



This preview shows how black text looks on a background with the Hex color 287A59.

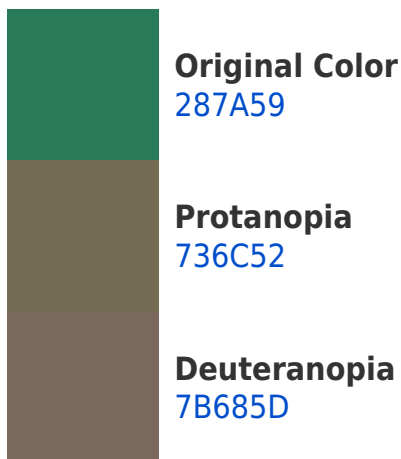



This preview shows how white text looks on a background with the Hex color 287A59.

# 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**  
37757F

# Trichromacy



**Original Color**  
287A59

**Protanomaly**  
587155

**Deuteranomaly**  
5D6F5C

**Tritanomaly**  
327771

# Monochromacy



**Original Color**  
287A59

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
4A685C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 287A59 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 #287A59 looks like.

```
.text, #text, p{  
    color:#287A59  
}
```

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 #287A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287A59
}
```

## Border

The CSS property to change the border of an element to Hex 287A59 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
#287A59 }
```

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

```
.border{ border-color:#287A59 }
```

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

Here you see how a box with a 4 pixel #287A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287A59; -webkit-box-shadow:4px 4px  
4px 4px #287A59; box-shadow:4px 4px 4px  
4px #287A59 }
```

# Background

The CSS property to change the background color of an element to Hex 287A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287A59 }
```

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

```
.background{ background-color:#287A59 }
```

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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