

Converting Colors

Hex(287A71)

Have a look what the booklet for
Hex(287A71) contains.

Hex(287A71)	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(287A71)

Conversions

Conversions Part 1

Format	Color
Hex	287A71
RGB	40, 122, 113
RGB Percent	16%, 48%, 44%
CMY	0.8431, 0.5216, 0.5569
CMYK	0.67, 0.00, 0.07, 0.52
HSL	173°, 51%, 32%
HSV	173°, 67%, 48%
XYZ	10.8152, 15.5624, 18.0566
YIQ	96.4560, -45.9830, -20.1830

Conversions

Conversions Part 2

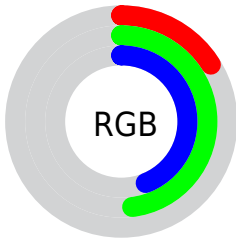
Format	Color
RYB	40, 83, 122
Decimal	2652785
CIELab	46.40, -26.65, -2.30
CIELCh	46, 26.753, 184.938
Yxy	15.5624, 0.2434, 0.3502
Android (android.graphics.Color)	4280842865 (0xFF287A71)
YUV	96.4560, 8.1562, -49.5119
Hunter-Lab	39.4493, -20.0994, 0.4764

Details

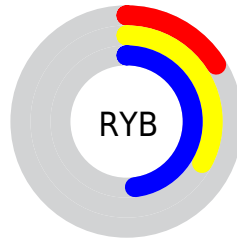
The Hex color **287A71** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A2831**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **61AFA5**, and **004941** is the 20% darker color. If you saturate the color by 10%, you get **1C7A70**, and if you desaturate by 10%, it is **347A72**.

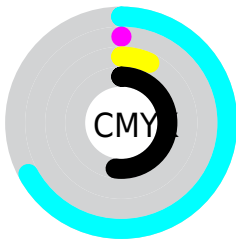
Distribution



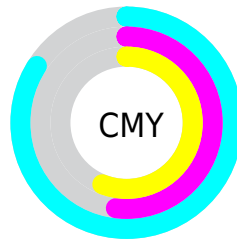
- Red (16%)
- Green (48%)
- Blue (44%)



- Red (16%)
- Yellow (33%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287A71 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 287A71 by changing the saturation by 10% instead.

■ 287A71

■ 287A71

FFFFFF

■ 006159

■ 61AFA5

■ 004941

■ 7CCAC0

■ 00322B

■ 98E7DC

■ 001F17

■ B4FFF8

■ 000000

■ D0FFFF

■ EDFFFF

■ 287A71

■ 287A71

■ 1C7A70

■ 347A72

■ 107A6E

■ 407A74

■ 037A6D

■ 4D7A75

■ 007A6D

■ 597A76

■ 657A78

■ 717A79

■ 7D7A7A

■ 8A7A7C

■ 967A7D

Harmonies

Analogous

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



46785A



287A71



127987

Triad

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



287A71



756793



8C6646

Complementary

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



287A71



7A2831

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.



985F55



287A71



8D6081

Square

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



287A71



546F9A



995C6B



796E41

Rectangle

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



287A71



217792



995C6B



91644A

Sweetspot

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



287A71



7E9E9B



327A28



3C4F4D



CFCFCF



4F4F4F

Same Dimension

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



287A71



1E9E90



285B7A



373D3D



007D6F



00FCE1

Inverse Universe

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



7A2831



9E1E2C



7A4728



3D3738



7D000E



FC001C

Previews

White Background



This preview shows how the Hex color 287A71 looks on a white background.

Color Contrast Check

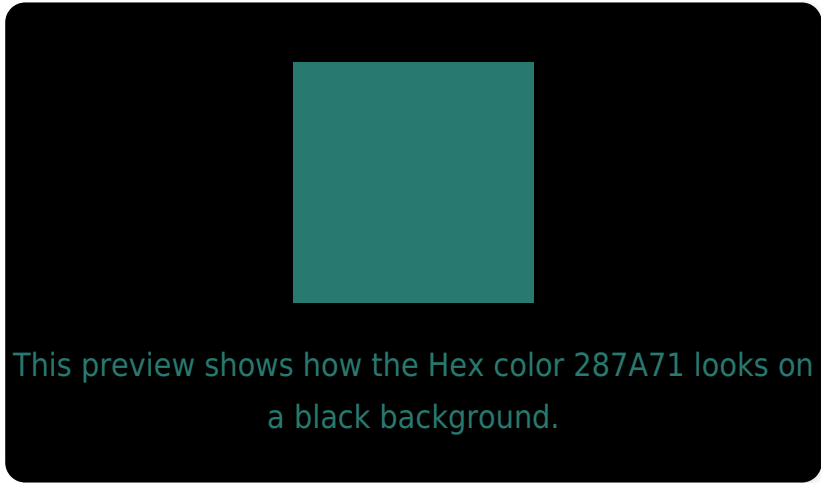
Large Text (above 18pt) WCAG AA ✓ Pass

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

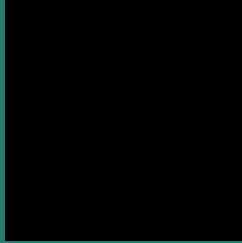
Any Text WCAG AA × Fail

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 287A71 Background



This preview shows how black text looks on a background with the Hex color 287A71.

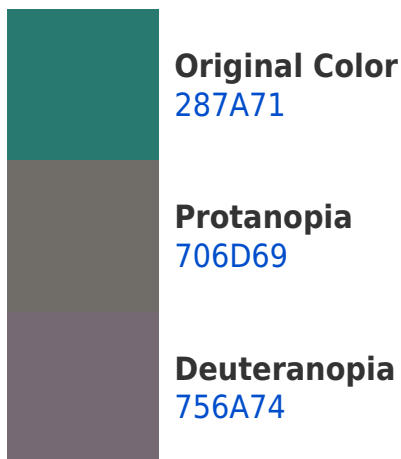


This preview shows how white text looks on a background with the Hex color 287A71.

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
307881

Trichromacy



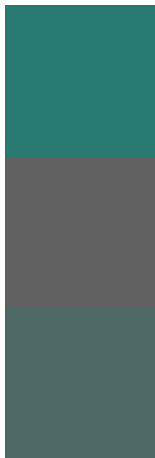
Original Color
287A71

Protanomaly
56726C

Deuteranomaly
597073

Tritanomaly
2D797B

Monochromacy



Original Color
287A71

Achromatopsia
606060

Achromatomaly
4C6966

CSS Examples

Text

The CSS property to change the color of the text to Hex 287A71 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 #287A71 looks like.

```
.text, #text, p{  
    color:#287A71  
}
```

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 #287A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287A71
}
```

Border

The CSS property to change the border of an element to Hex 287A71 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
#287A71 }
```

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

```
.border{ border-color:#287A71 }
```

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

Here you see how a box with a 4 pixel #287A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287A71; -webkit-box-shadow:4px 4px  
4px 4px #287A71; box-shadow:4px 4px 4px  
4px #287A71 }
```

Background

The CSS property to change the background color of an element to Hex 287A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287A71 }
```

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

```
.background{ background-color:#287A71 }
```

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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