

Converting Colors

Hex(287E74)

Have a look what the booklet for
Hex(287E74) contains.

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Color

Hex(287E74)

Conversions

Conversions Part 1

Format	Color
Hex	287E74
RGB	40, 126, 116
RGB Percent	16%, 49%, 45%
CMY	0.8431, 0.5059, 0.5451
CMYK	0.68, 0.00, 0.08, 0.51
HSL	173°, 52%, 33%
HSV	173°, 68%, 49%
XYZ	11.4883, 16.6338, 19.1281
YIQ	99.1460, -48.0460, -21.3420

Conversions

Conversions Part 2

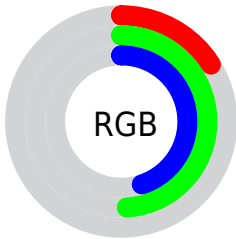
Format	Color
RYB	40, 86, 126
Decimal	2653812
CIELab	47.80, -27.76, -2.02
CIElCh	48, 27.837, 184.163
Yxy	16.6338, 0.2431, 0.3520
Android (android.graphics.Color)	4280843892 (0xFF287E74)
YUV	99.1460, 8.3090, -51.8710
Hunter-Lab	40.7845, -21.0925, 0.7419

Details

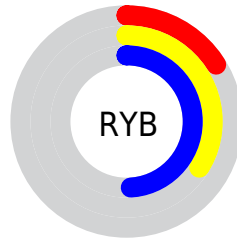
The Hex color **287E74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E2832**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61B3A8**, and **004C44** is the 20% darker color. If you saturate the color by 10%, you get **1B7E73**, and if you desaturate by 10%, it is **357E75**.

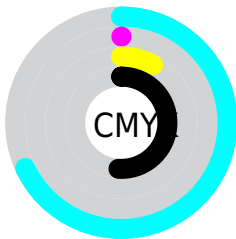
Distribution



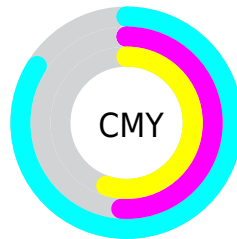
- Red (16%)
- Green (49%)
- Blue (45%)



- Red (16%)
- Yellow (34%)
- Blue (49%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287E74 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 287E74 by changing the saturation by 10% instead.

 287E74

 287E74

FFFFFF

 00655B

 61B3A8

 004C44

 7DCFC3

 00352E

 99EBDF

 002119

 B5FFFC

 000000

 D2FFFF

 EFFFFFFF

 287E74

 287E74

 1B7E73

 357E75

■ 0F7E71

■ 417E77

■ 027E70

■ 4E7E78

■ 007E6F

■ 5A7E7A

■ 677E7B

■ 747E7D

■ 807E7E

■ 8D7E80

■ 997E81

Harmonies

Analogous

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



487C5C



287E74



0C7D8B

Triad

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



287E74



786A98



926948

Complementary

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



287E74



7E2832

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.



9D6258



287E74



926286

Square

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



287E74



5573A0



9E5F6F



7E7142

Rectangle

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



287E74



1E7B97



9E5F6F



97664C

Sweetspot

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



287E74



83A39F



327E28



3E524F



D1D1D1



525252

Same Dimension

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



287E74



1DA394



285D7E



39403F



008071



000000

Inverse Universe

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



7E2832



A31D2D



7E4928



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 287E74 looks on a white background.

Color Contrast Check

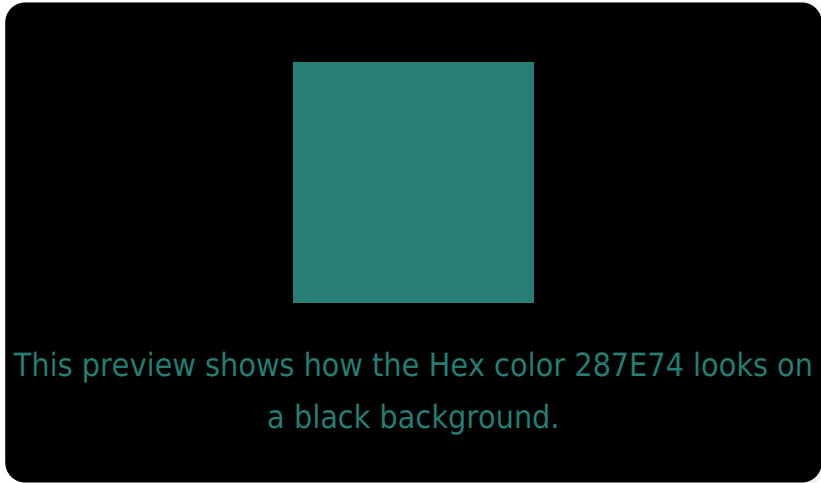
Large Text (above 18pt) WCAG AA ✓ Pass

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

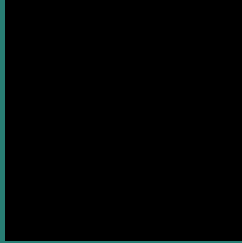
Any Text WCAG AA × Fail

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 287E74 Background



This preview shows how black text looks on a background with the Hex color 287E74.

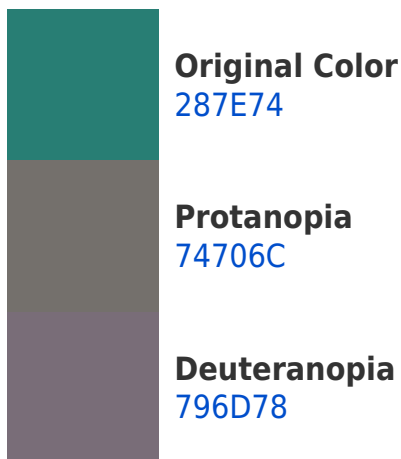


This preview shows how white text looks on a background with the Hex color 287E74.

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
317B85

Trichromacy



Original Color
287E74

Protanomaly
58756F

Deuteranomaly
5C7377

Tritanomaly
2E7C7F

Monochromacy



Original Color
287E74

Achromatopsia
636363

Achromatomaly
4E6D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 287E74 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 #287E74 looks like.

```
.text, #text, p{  
    color:#287E74  
}
```

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 #287E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287E74
}
```

Border

The CSS property to change the border of an element to Hex 287E74 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
#287E74 }
```

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

```
.border{ border-color:#287E74 }
```

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

Here you see how a box with a 4 pixel #287E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287E74; -webkit-box-shadow:4px 4px  
4px 4px #287E74; box-shadow:4px 4px 4px  
4px #287E74 }
```

Background

The CSS property to change the background color of an element to Hex 287E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287E74 }
```

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

```
.background{ background-color:#287E74 }
```

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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