

Converting Colors

Hex(287B67)

Have a look what the booklet for
Hex(287B67) contains.

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Color

Hex(287B67)

Conversions

Conversions Part 1

Format	Color
Hex	287B67
RGB	40, 123, 103
RGB Percent	16%, 48%, 40%
CMY	0.8431, 0.5176, 0.5961
CMYK	0.67, 0.00, 0.16, 0.52
HSL	166°, 51%, 32%
HSV	166°, 67%, 48%
XYZ	10.4062, 15.5963, 15.2939
YIQ	95.9030, -43.0480, -23.8160

Conversions

Conversions Part 2

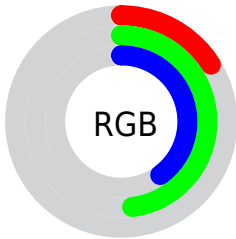
Format	Color
RYB	40, 87, 123
Decimal	2653031
CIELab	46.44, -29.94, 3.69
CIElCh	46, 30.170, 172.971
Yxy	15.5963, 0.2520, 0.3777
Android (android.graphics.Color)	4280843111 (0xFF287B67)
YUV	95.9030, 3.4988, -49.0269
Hunter-Lab	39.4922, -22.0764, 4.6836

Details

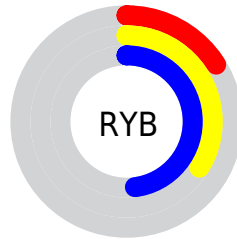
The Hex color **287B67** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B283C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **60B09A**, and **004938** is the 20% darker color. If you saturate the color by 10%, you get **1C7B64**, and if you desaturate by 10%, it is **347B6A**.

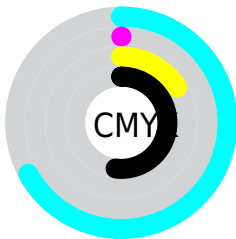
Distribution



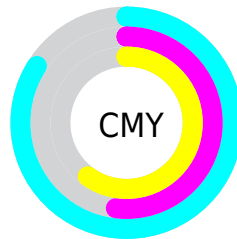
- Red (16%)
- Green (48%)
- Blue (40%)



- Red (16%)
- Yellow (34%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (16%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287B67 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 287B67 by changing the saturation by 10% instead.

 287B67

 287B67

FFFFFF

 00624F

 60B09A

 004938

 7BCCB5

 003223

 97E8D0

 001F0D

 B3FFED

 000000

 CFFFFFF

 EFFFFFF

 287B67

 287B67

 1C7B64

 347B6A

■ 0F7B61

■ 417B6D

■ 037B5E

■ 4D7B70

■ 007B5D

■ 597B73

■ 667B76

■ 727B79

■ 7E7B7C

■ 8A7B7F

■ 977B82

Harmonies

Analogous

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



4D784F



287B67



007B81

Triad

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



287B67



686A9D



966247

Complementary

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



287B67



7B283C

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.



9F5B5C



287B67



88608D

Square

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



287B67



3B72A0



9B5A75



836B3B

Rectangle

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



287B67



007A90



9B5A75



9A5F4D

Sweetspot

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



287B67



81A199



3D7B28



3E524D



D1D1D1



525252

Same Dimension

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



287B67



1FA181



28667B



373D3C



007D5F



00FCC0

Inverse Universe

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



7B283C



A11F3E



7B3D28



3D3739



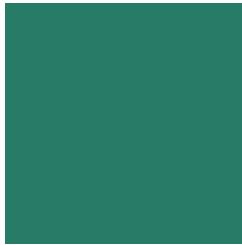
7D001E



FC003D

Previews

White Background



This preview shows how the Hex color 287B67 looks on a white background.

Color Contrast Check

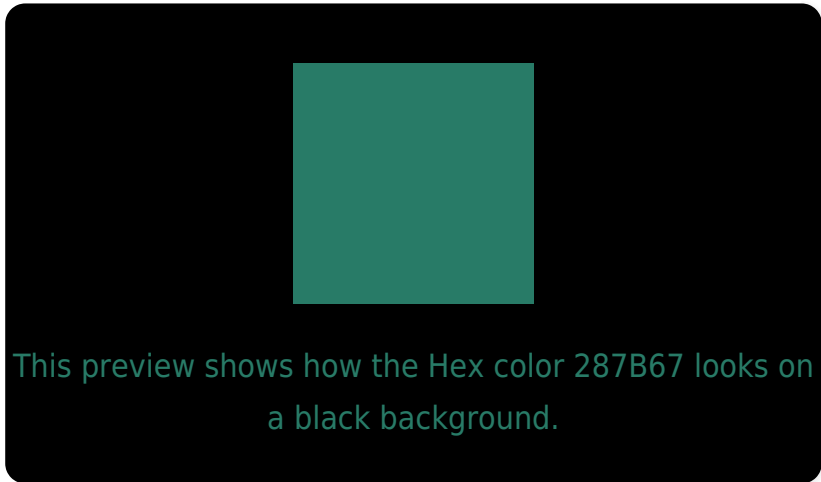
Large Text (above 18pt) WCAG AA ✓ Pass

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

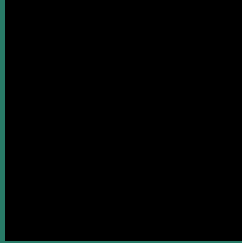
Any Text WCAG AA × Fail

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 287B67 Background



This preview shows how black text looks on a background with the Hex color 287B67.

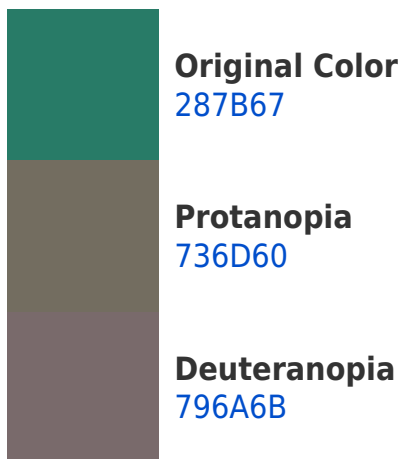


This preview shows how white text looks on a background with the Hex color 287B67.

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
347781

Trichromacy



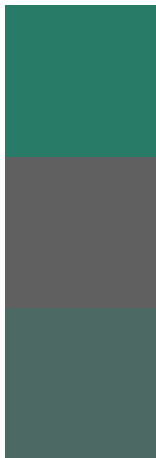
Original Color
287B67

Protanomaly
587263

Deuteranomaly
5C706A

Tritanomaly
307878

Monochromacy



Original Color
287B67

Achromatopsia
606060

Achromatomaly
4C6A63

CSS Examples

Text

The CSS property to change the color of the text to Hex 287B67 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 #287B67 looks like.

```
.text, #text, p{  
    color:#287B67  
}
```

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 #287B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287B67  
}
```

Border

The CSS property to change the border of an element to Hex 287B67 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  
#287B67 }
```

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

```
.border{ border-color:#287B67 }
```

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

Here you see how a box with a 4 pixel #287B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287B67; -webkit-box-shadow:4px 4px  
4px 4px #287B67; box-shadow:4px 4px 4px  
4px #287B67 }
```

Background

The CSS property to change the background color of an element to Hex 287B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287B67 }
```

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

```
.background{ background-color:#287B67 }
```

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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