

Converting Colors

Hex(297D66)

Have a look what the booklet for
Hex(297D66) contains.

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Color

Hex(297D66)

Conversions

Conversions Part 1

Format	Color
Hex	297D66
RGB	41, 125, 102
RGB Percent	16%, 49%, 40%
CMY	0.8392, 0.5098, 0.6000
CMYK	0.67, 0.00, 0.18, 0.51
HSL	164°, 51%, 33%
HSV	164°, 67%, 49%
XYZ	10.6463, 16.0980, 15.1165
YIQ	97.2620, -42.6810, -24.9610

Conversions

Conversions Part 2

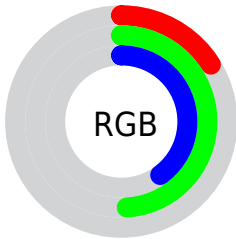
Format	Color
RYB	41, 90, 125
Decimal	2719078
CIELab	47.10, -30.97, 5.24
CIELCh	47, 31.412, 170.402
Yxy	16.0980, 0.2543, 0.3846
Android (android.graphics.Color)	4280909158 (0xFF297D66)
YUV	97.2620, 2.3358, -49.3418
Hunter-Lab	40.1223, -22.8494, 5.7475




Details

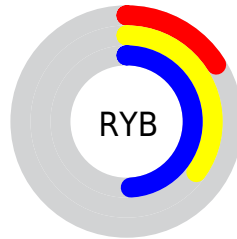
The Hex color **297D66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D2940**, and the grayscale version is **616161**.




A 20% lighter version of the original color is **61B299**, and **004B37** is the 20% darker color. If you saturate the color by 10%, you get **1D7D63**, and if you desaturate by 10%, it is **367D69**.

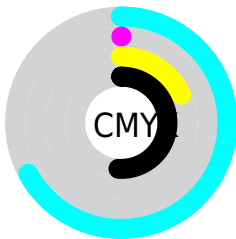
Distribution







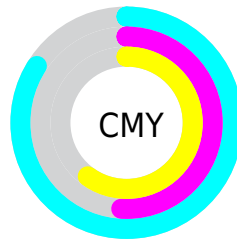
-  Red (16%)
-  Green (49%)
-  Blue (40%)






-  Red (16%)
-  Yellow (35%)
-  Blue (49%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (18%)
-  Black (51%)



-  Cyan (84%)
-  Magenta (51%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297D66 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 297D66 by changing the saturation by 10% instead.

 297D66

 297D66

FFFFFF

 00644E

 61B299

 004B37

 7CCEB4

 003422

 98EACF

 00210C

 B4FFEB

 000000

 D1FFFF

 EEEFFF

 297D66

 297D66

 1D7D63

 367D69

■ 107D5F

■ 427D6D

■ 047D5C

■ 4F7D70

■ 007D5B

■ 5B7D74

■ 687D77

■ 747D7B

■ 817D7E

■ 8D7D81

■ 9A7D85

Harmonies

Analogous

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



507A4D



297D66



007D81

Triad

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



297D66



656CA1



9A6248

Complementary

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



297D66



7D2940

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.



A35B5F



297D66



886292

Square

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



297D66



3575A3



9D5B79



886B3B

Rectangle

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



297D66



007C91



9D5B79



9E5F4F

Sweetspot

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



297D66



83A39A



417D29



3E524C



D1D1D1



525252

Same Dimension

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



297D66



1FA37F



296B7D



39403E



00805D



000000

Inverse Universe

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



7D2940



A31F43



7D3B29



40393B



800023



000000

Previews

White Background



This preview shows how the Hex color 297D66 looks on a white background.

Color Contrast Check

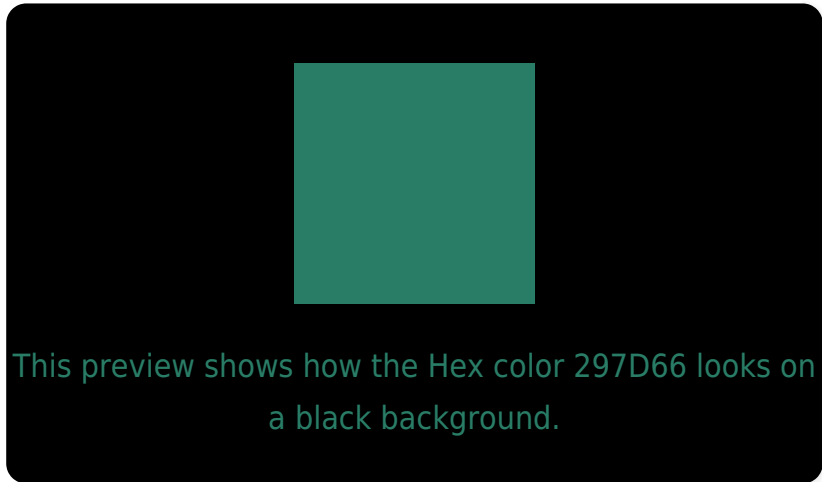
Large Text (above 18pt) WCAG AA ✓ Pass

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

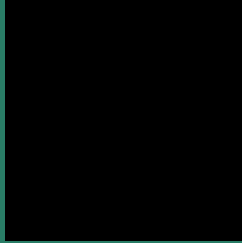
Any Text WCAG AA × Fail

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 297D66 Background



This preview shows how black text looks on a background with the Hex color 297D66.

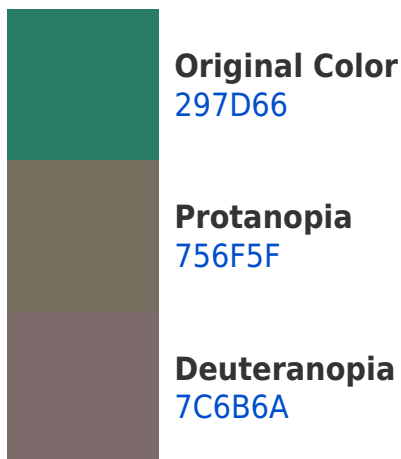


This preview shows how white text looks on a background with the Hex color 297D66.

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
357983

Trichromacy



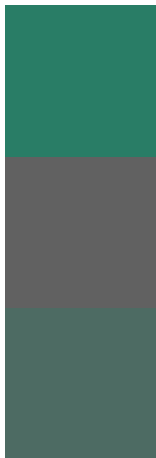
Original Color
297D66

Protanomaly
597462

Deuteranomaly
5E7269

Tritanomaly
317A78

Monochromacy



Original Color
297D66

Achromatopsia
616161

Achromatomaly
4D6B63

CSS Examples

Text

The CSS property to change the color of the text to Hex 297D66 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 #297D66 looks like.

```
.text, #text, p{  
    color:#297D66  
}
```

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 #297D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297D66
}
```

Border

The CSS property to change the border of an element to Hex 297D66 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
#297D66 }
```

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

```
.border{ border-color:#297D66 }
```

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

Here you see how a box with a 4 pixel #297D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297D66; -webkit-box-shadow:4px 4px  
4px 4px #297D66; box-shadow:4px 4px 4px  
4px #297D66 }
```

Background

The CSS property to change the background color of an element to Hex 297D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297D66 }
```

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

```
.background{ background-color:#297D66 }
```

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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