

Converting Colors

Hex(297875)

Have a look what the booklet for
Hex(297875) contains.

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Color

Hex(297875)

Conversions

Conversions Part 1

Format	Color
Hex	297875
RGB	41, 120, 117
RGB Percent	16%, 47%, 46%
CMY	0.8392, 0.5294, 0.5412
CMYK	0.66, 0.00, 0.03, 0.53
HSL	178°, 49%, 32%
HSV	178°, 66%, 47%
XYZ	10.8418, 15.1887, 19.1899
YIQ	96.0370, -46.1210, -17.6810

Conversions

Conversions Part 2

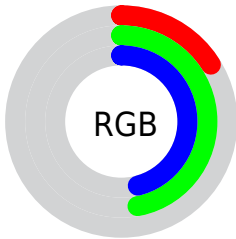
Format	Color
RYB	41, 81, 120
Decimal	2717813
CIELab	45.89, -24.29, -5.42
CIELCh	46, 24.884, 192.589
Yxy	15.1887, 0.2398, 0.3359
Android (android.graphics.Color)	4280907893 (0xFF297875)
YUV	96.0370, 10.3348, -48.2674
Hunter-Lab	38.9727, -18.5453, -1.9131

Details

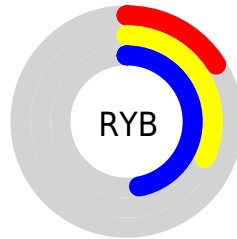
The Hex color **297875** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **78292C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **61ADA9**, and **004745** is the 20% darker color. If you saturate the color by 10%, you get **1D7875**, and if you desaturate by 10%, it is **357875**.

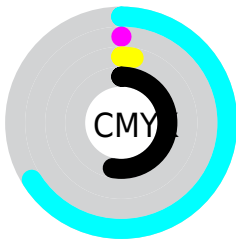
Distribution



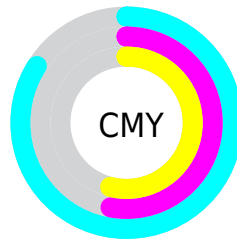
- Red (16%)
- Green (47%)
- Blue (46%)



- Red (16%)
- Yellow (32%)
- Blue (47%)



- Cyan (66%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297875 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 297875 by changing the saturation by 10% instead.

 297875

 297875


FFFFFF

 005F5C

 61ADA9

 004745

 7DC8C4

 00302F

 98E4E0

 001D1A

 B4FFFD

 000000

 D1FFFF

 EEEFFF

 297875

 297875

 1D7875

 357875

■ 117874

■ 417876

■ 057874

■ 4D7876

■ 007873

■ 597877

■ 657877

■ 717878

■ 7D7878

■ 897879

■ 957879

Harmonies

Analogous

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



427760



297875



237688

Triad

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



297875



7A648B



856745

Complementary

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



297875



78292C

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.



926151



297875



8E5E7A

Square

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



297875



5E6C95



965D65



726E44

Rectangle

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



297875



327491



965D65



8A6548

Sweetspot

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



297875



7C9C9A



2D7829



3C4F4E



CFCFCF



4F4F4F

Same Dimension

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



297875



219C97



295478



373D3D



007D78



00FCF3

Inverse Universe

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



78292C



9C2125



784D29



3D3737



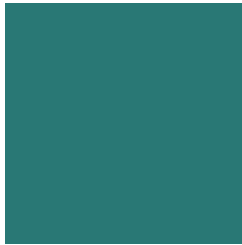
7D0005



FC000A

Previews

White Background



This preview shows how the Hex color 297875 looks on a white background.

Color Contrast Check

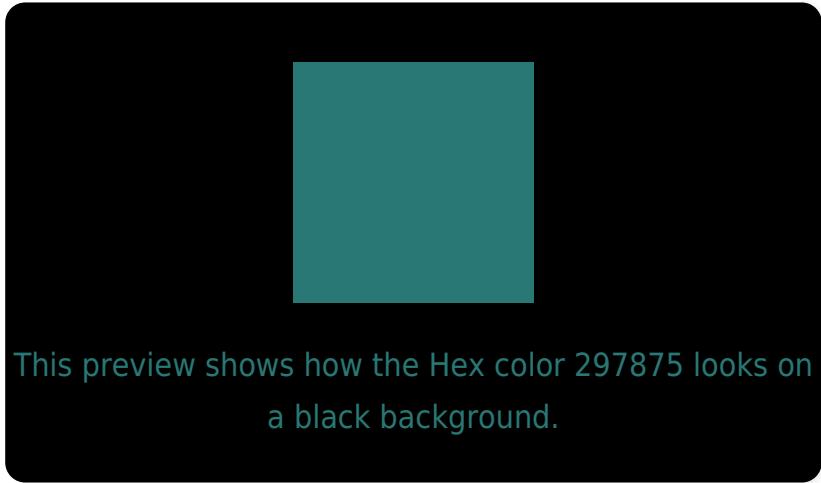
Large Text (above 18pt) WCAG AA ✓ Pass

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

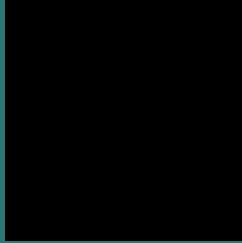
Any Text WCAG AA × Fail

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 297875 Background



This preview shows how black text looks on a background with the Hex color 297875.

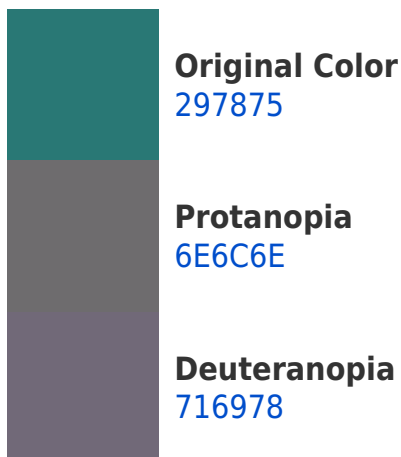


This preview shows how white text looks on a background with the Hex color 297875.

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](#).

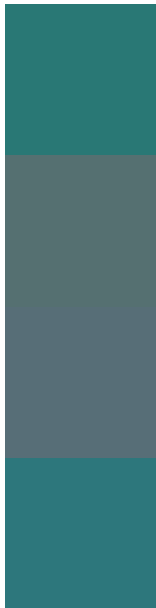
Dichromacy





Tritanopia
2F7680

Trichromacy



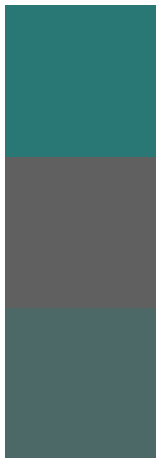
Original Color
297875

Protanomaly
557071

Deuteranomaly
576E77

Tritanomaly
2D777C

Monochromacy



Original Color
297875

Achromatopsia
606060

Achromatomaly
4C6968

CSS Examples

Text

The CSS property to change the color of the text to Hex 297875 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 #297875 looks like.

```
.text, #text, p{  
    color:#297875  
}
```

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 #297875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297875
}
```

Border

The CSS property to change the border of an element to Hex 297875 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
#297875 }
```

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

```
.border{ border-color:#297875 }
```

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

Here you see how a box with a 4 pixel #297875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297875; -webkit-box-shadow:4px 4px  
4px 4px #297875; box-shadow:4px 4px 4px  
4px #297875 }
```

Background

The CSS property to change the background color of an element to Hex 297875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297875 }
```

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

```
.background{ background-color:#297875 }
```

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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