

Converting Colors

Hex(297972)

Have a look what the booklet for
Hex(297972) contains.

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Color

Hex(297972)

Conversions

Conversions Part 1

Format	Color
Hex	297972
RGB	41, 121, 114
RGB Percent	16%, 47%, 45%
CMY	0.8392, 0.5255, 0.5529
CMYK	0.66, 0.00, 0.06, 0.53
HSL	175°, 49%, 32%
HSV	175°, 66%, 47%
XYZ	10.7891, 15.3611, 18.3159
YIQ	96.2820, -45.4330, -19.1370

Conversions

Conversions Part 2

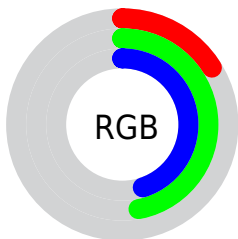
Format	Color
RYB	41, 83, 121
Decimal	2718066
CIELab	46.12, -25.68, -3.29
CIElCh	46, 25.895, 187.305
Yxy	15.3611, 0.2426, 0.3455
Android (android.graphics.Color)	4280908146 (0xFF297972)
YUV	96.2820, 8.7350, -48.4823
Hunter-Lab	39.1932, -19.4507, -0.2724

Details

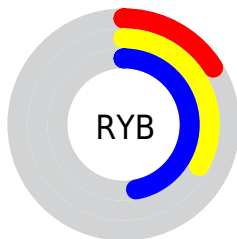
The Hex color **297972** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792930**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **61AEA6**, and **004842** is the 20% darker color. If you saturate the color by 10%, you get **1D7971**, and if you desaturate by 10%, it is **357973**.

Distribution



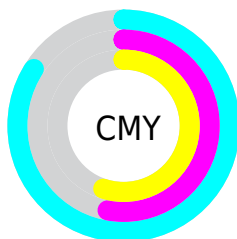
- Red (16%)
- Green (47%)
- Blue (45%)



- Red (16%)
- Yellow (33%)
- Blue (47%)



- Cyan (66%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297972 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 297972 by changing the saturation by 10% instead.

 297972

 297972

FFFFFF

 00605A

 61AEA6

 004842

 7CC9C1

 00312C

 98E6DD

 001E18

 B4FFF9

 000000

 D1FFFF

 EEEFFF

 297972

 297972

 1D7971

 357973

■ 117970

■ 417974

■ 05796F

■ 4D7975

■ 00796E

■ 597976

■ 657977

■ 727978

■ 7E7979

■ 8A797A

■ 96797C

Harmonies

Analogous

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



45785C



297972



1A7887

Triad

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



297972



776690



8A6646

Complementary

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



297972



792930

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.



966054



297972



8D5F7E

Square

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



297972



576E98



975D69



776E42

Rectangle

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



297972



287691



975D69



8F6449

Sweetspot

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



297972



7E9E9B



317929



3C4F4D



CFCFCF



4F4F4F

Same Dimension

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



297972



219E93



295979



373D3D



007D72



00FCE6

Inverse Universe

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



792930



9E212C



794929



3D3738



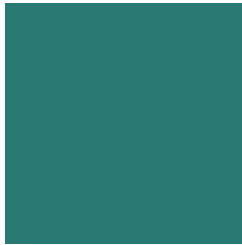
7D000B



FC0016

Previews

White Background



This preview shows how the Hex color 297972 looks on a white background.

Color Contrast Check

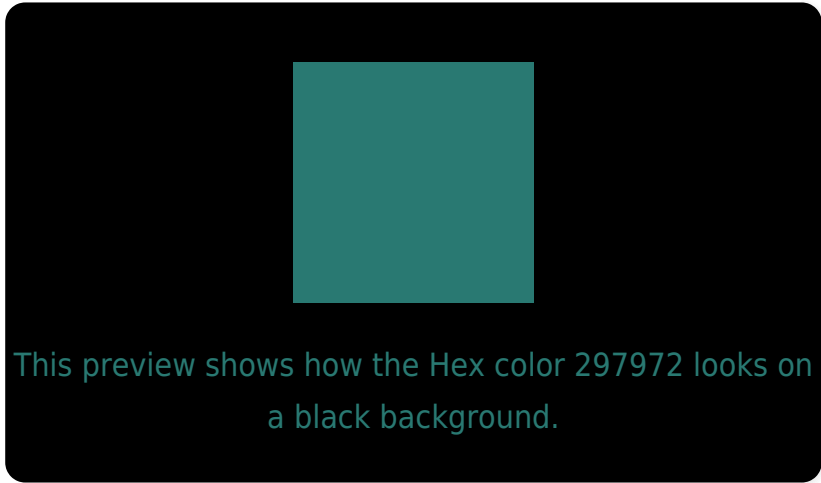
Large Text (above 18pt) WCAG AA ✓ Pass

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

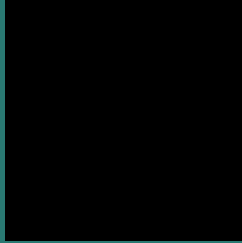
Any Text WCAG AA × Fail

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 297972 Background



This preview shows how black text looks on a background with the Hex color 297972.

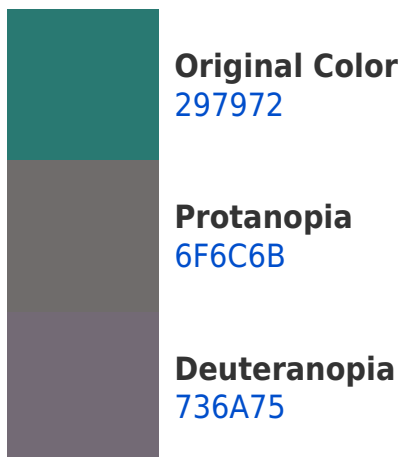


This preview shows how white text looks on a background with the Hex color 297972.

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
307780

Trichromacy



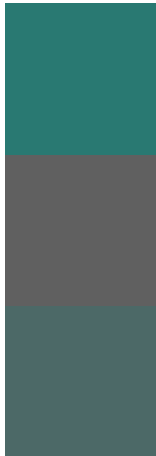
Original Color
297972

Protanomaly
56716E

Deuteranomaly
586F74

Tritanomaly
2D787B

Monochromacy



Original Color
297972

Achromatopsia
606060

Achromatomaly
4C6967

CSS Examples

Text

The CSS property to change the color of the text to Hex 297972 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 #297972 looks like.

```
.text, #text, p{  
    color:#297972  
}
```

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 #297972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297972
}
```

Border

The CSS property to change the border of an element to Hex 297972 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
#297972 }
```

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

```
.border{ border-color:#297972 }
```

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

Here you see how a box with a 4 pixel #297972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297972; -webkit-box-shadow:4px 4px  
4px 4px #297972; box-shadow:4px 4px 4px  
4px #297972 }
```

Background

The CSS property to change the background color of an element to Hex 297972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297972 }
```

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

```
.background{ background-color:#297972 }
```

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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