

Converting Colors

Hex(297986)

Have a look what the booklet for
Hex(297986) contains.

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Color

Hex(297986)

Conversions

Conversions Part 1

Format	Color
Hex	297986
RGB	41, 121, 134
RGB Percent	16%, 47%, 53%
CMY	0.8392, 0.5255, 0.4745
CMYK	0.69, 0.10, 0.00, 0.47
HSL	188°, 53%, 34%
HSV	188°, 69%, 53%
XYZ	12.0549, 15.8674, 24.9816
YIQ	98.5620, -51.8530, -12.9170

Conversions

Conversions Part 2

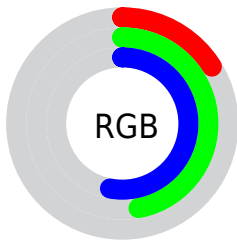
Format	Color
RYB	41, 84, 134
Decimal	2718086
CIELab	46.80, -19.48, -14.16
CIELCh	47, 24.080, 216.025
Yxy	15.8674, 0.2279, 0.2999
Android (android.graphics.Color)	4280908166 (0xFF297986)
YUV	98.5620, 17.4709, -50.4819
Hunter-Lab	39.8339, -15.6900, -9.2997




Details

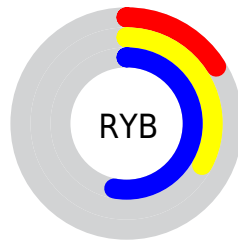
The Hex color **297986** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **863629**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **63AEBB**, and **004854** is the 20% darker color. If you saturate the color by 10%, you get **1C7786**, and if you desaturate by 10%, it is **367B86**.

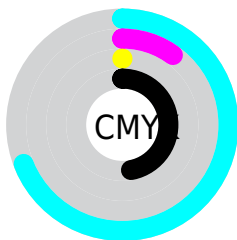
Distribution







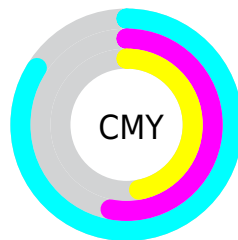
-  Red (16%)
-  Green (47%)
-  Blue (53%)






-  Red (16%)
-  Yellow (33%)
-  Blue (53%)



-  Cyan (69%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (84%)
-  Magenta (53%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297986 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 297986 by changing the saturation by 10% instead.

■ 297986

■ 297986

FFFFFF

■ 00606D

■ 63AE8B

■ 004854

■ 7FC9D7

■ 00313D

■ 9BE5F3

■ 001E27

■ B7FFFF

■ 000113

■ D4FFFF

■ 000000

■ F2FFFF

■ 297986

■ 297986

■ 1C7786

■ 367B86

■ 0E7586

■ 447D86

■ 017386

■ 517F86

■ 007386

■ 5F8086

■ 6C8286

■ 798486

■ 878686

■ 948886

■ A28A86

Harmonies

Analogous

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



347A72



297986



3B7593

Triad

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



297986



8C6280



796F46

Complementary

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



297986



863629

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.



8B684A



297986



96606C

Square

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



297986



776890



956258



63754E

Rectangle

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



297986



4F7297



956258



7F6D47

Sweetspot

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



297986



89A8AD



298635



415457



D6D6D6



575757

Same Dimension

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



297986



1D99AD



294B86



3C4142



007082



000203

Inverse Universe

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



862979



AD1D99



866429



423C41



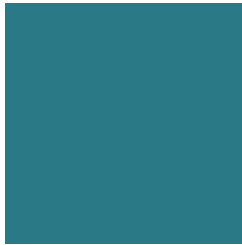
820070



030002

Previews

White Background



This preview shows how the Hex color 297986 looks on a white background.

Color Contrast Check

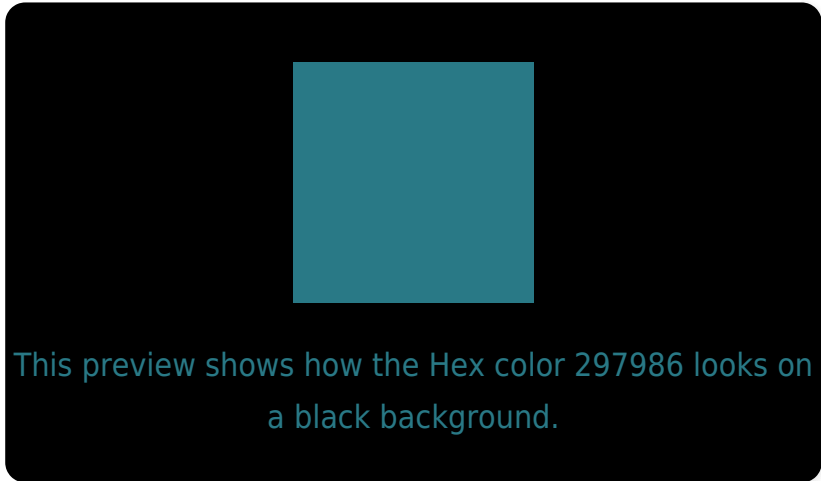
Large Text (above 18pt) WCAG AA ✓ Pass

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

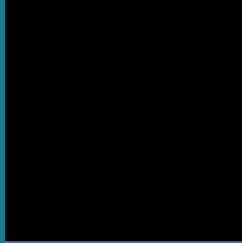
Any Text WCAG AA × Fail

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 297986 Background



This preview shows how black text looks on a background with the Hex color 297986.

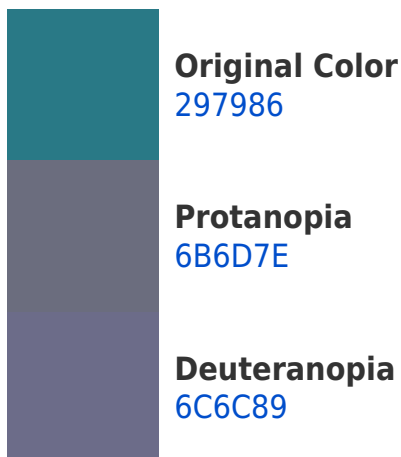


This preview shows how white text looks on a background with the Hex color 297986.

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](#).

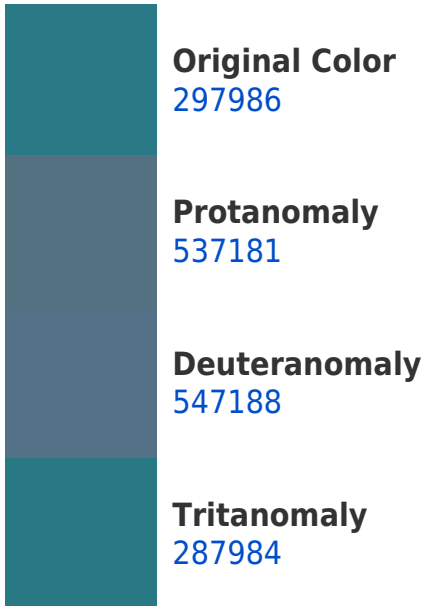
Dichromacy



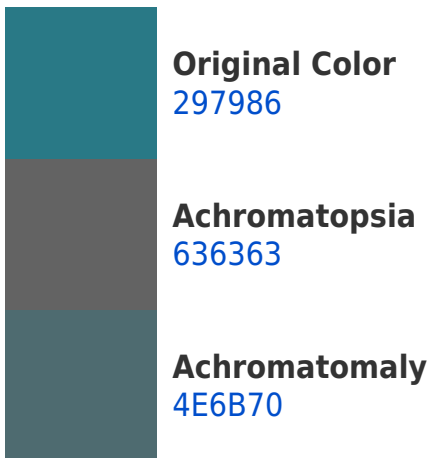


Tritanopia
277983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 297986 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 #297986 looks like.

```
.text, #text, p{  
    color:#297986  
}
```

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 #297986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297986
}
```

Border

The CSS property to change the border of an element to Hex 297986 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
#297986 }
```

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

```
.border{ border-color:#297986 }
```

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

Here you see how a box with a 4 pixel #297986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297986; -webkit-box-shadow:4px 4px  
4px 4px #297986; box-shadow:4px 4px 4px  
4px #297986 }
```

Background

The CSS property to change the background color of an element to Hex 297986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297986 }
```

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

```
.background{ background-color:#297986 }
```

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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