

Converting Colors

Hex(297089)

Have a look what the booklet for
Hex(297089) contains.

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Color

Hex(297089)

Conversions

Conversions Part 1

Format	Color
Hex	297089
RGB	41, 112, 137
RGB Percent	16%, 44%, 54%
CMY	0.8392, 0.5608, 0.4627
CMYK	0.70, 0.18, 0.00, 0.46
HSL	196°, 54%, 35%
HSV	196°, 70%, 54%
XYZ	11.2240, 13.8659, 25.7517
YIQ	93.6210, -50.3410, -7.2770

Conversions

Conversions Part 2

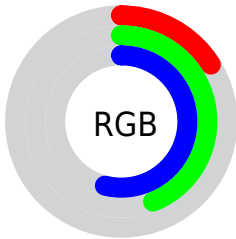
Format	Color
RYB	41, 82, 137
Decimal	2715785
CIELab	44.04, -13.49, -20.17
CIElCh	44, 24.261, 236.223
Yxy	13.8659, 0.2208, 0.2727
Android (android.graphics.Color)	4280905865 (0xFF297089)
YUV	93.6210, 21.3858, -46.1486
Hunter-Lab	37.2369, -11.3611, -14.9370

Details

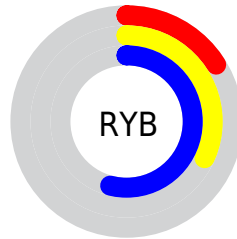
The Hex color **297089** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **894229**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **63A4BE**, and **004057** is the 20% darker color. If you saturate the color by 10%, you get **1B6C89**, and if you desaturate by 10%, it is **377489**.

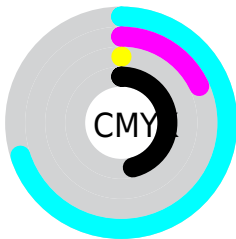
Distribution



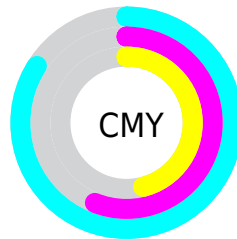
- Red (16%)
- Green (44%)
- Blue (54%)



- Red (16%)
- Yellow (32%)
- Blue (54%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (46%)



- Cyan (84%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297089 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 297089 by changing the saturation by 10% instead.

■ 297089

■ 297089

FFFFFF

■ 005870

■ 63A4BE

■ 004057

■ 7EBFDA

■ 002A40

■ 9ADB7

■ 00172A

■ B7F7FF

■ 000115

■ D3FFFF

■ 000000

■ F1FFFF

■ 297089

■ 297089

■ 1B6C89

■ 377489

0E6989

447789

006589

527B89

607E89

6E8289

7B8589

898989

978D89

A49089

Harmonies

Analogous

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



1F7379



297089



486B90

Triad

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



297089



8D596B



636C43

Complementary

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



297089



894229

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.



786640



297089



8F5A57

Square

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



297089



7F5D7F



885F47



4C7151

Rectangle

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



297089



5D668F



885F47



6B6A41

Sweetspot

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



297089



8DA9B3



298941



435359



D9D9D9



595959

Same Dimension

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



297089



1D8BB3



294189



3E4345



006285



000405

Inverse Universe

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



892970



B31D8B



897129



453E43



850062



050004

Previews

White Background



This preview shows how the Hex color 297089 looks on a white background.

Color Contrast Check

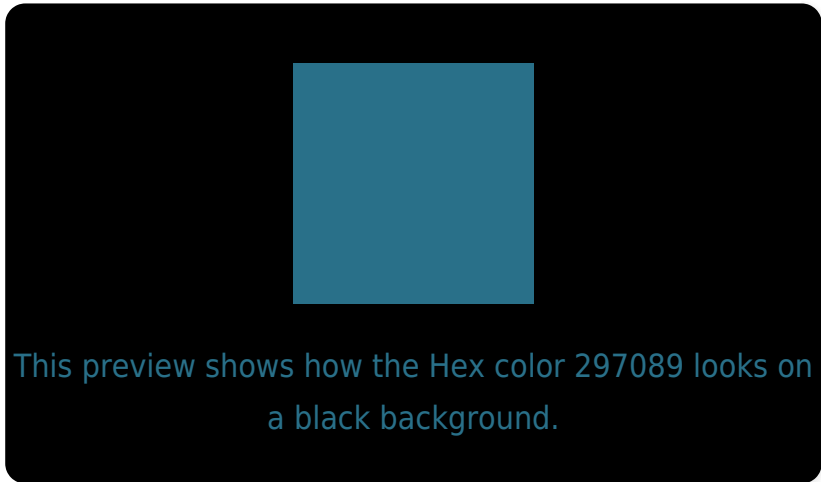
Large Text (above 18pt) WCAG AA ✓ Pass

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

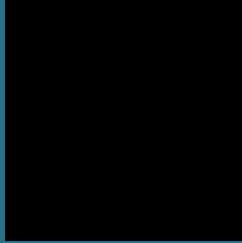
Any Text WCAG AA × Fail

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 297089 Background



This preview shows how black text looks on a background with the Hex color 297089.

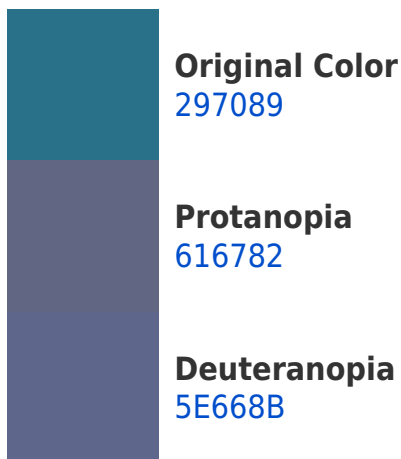


This preview shows how white text looks on a background with the Hex color 297089.

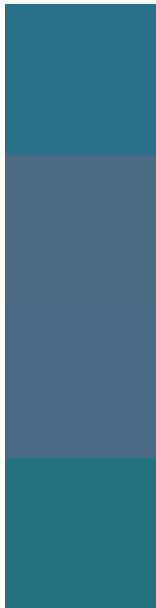
Color Blindness Simulation

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



Trichromacy



Original Color
297089

Protanomaly
4D6A85

Deuteranomaly
4B6A8A

Tritanomaly
237181

Monochromacy



Original Color
297089

Achromatopsia
5E5E5E

Achromatomaly
4B656E

CSS Examples

Text

The CSS property to change the color of the text to Hex 297089 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 #297089 looks like.

```
.text, #text, p{  
    color:#297089  
}
```

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 #297089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297089
}
```

Border

The CSS property to change the border of an element to Hex 297089 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
#297089 }
```

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

```
.border{ border-color:#297089 }
```

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

Here you see how a box with a 4 pixel #297089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297089; -webkit-box-shadow:4px 4px  
4px 4px #297089; box-shadow:4px 4px 4px  
4px #297089 }
```

Background

The CSS property to change the background color of an element to Hex 297089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297089 }
```

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

```
.background{ background-color:#297089 }
```

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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