

Converting Colors

Hex(298177)

Have a look what the booklet for
Hex(298177) contains.

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Color

Hex(298177)

Conversions

Conversions Part 1

Format	Color
Hex	298177
RGB	41, 129, 119
RGB Percent	16%, 51%, 47%
CMY	0.8392, 0.4941, 0.5333
CMYK	0.68, 0.00, 0.08, 0.49
HSL	173°, 52%, 33%
HSV	173°, 68%, 51%
XYZ	12.0945, 17.5038, 20.1939
YIQ	101.5480, -49.2380, -21.7660

Conversions

Conversions Part 2

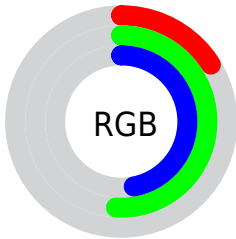
Format	Color
RYB	41, 88, 129
Decimal	2720119
CIELab	48.89, -28.20, -2.18
CIELCh	49, 28.287, 184.417
Yxy	17.5038, 0.2429, 0.3515
Android (android.graphics.Color)	4280910199 (0xFF298177)
YUV	101.5480, 8.6038, -53.1006
Hunter-Lab	41.8376, -21.6147, 0.6686

Details

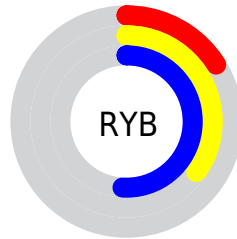
The Hex color **298177** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **812933**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **63B6AB**, and **004F47** is the 20% darker color. If you saturate the color by 10%, you get **1C8176**, and if you desaturate by 10%, it is **368178**.

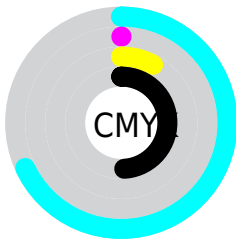
Distribution



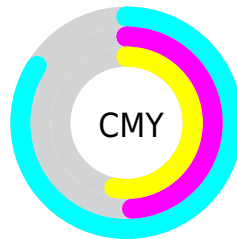
- Red (16%)
- Green (51%)
- Blue (47%)



- Red (16%)
- Yellow (35%)
- Blue (51%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (84%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298177 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 298177 by changing the saturation by 10% instead.

 298177

 298177

FFFFFF

 00685E

 63B6AB

 004F47

 7ED2C6

 003830

 9AEFE2

 00231C

 B7FFFF

 000001

 D3FFFF

 000000

 F1FFFF

 298177

 298177

 1C8176

 368178

0F8174

43817A

028173

50817B

008172

5D817D

6A817E

768180

838181

908183

9D8184

Harmonies

Analogous

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



4A7F5F



298177



0D808E

Triad

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



298177



7C6D9C



956C49

Complementary

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



298177



812933

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.



A1645A



298177



956589

Square

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



298177



5775A4



A26171



817444

Rectangle

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



298177



1F7E9A



A26171



9A694E

Sweetspot

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



298177



87A8A4



338129



405452



D4D4D4



545454

Same Dimension

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



298177



1EA899



295F81



39403F



008071



000000

Inverse Universe

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



812933



A81E2E



814B29



40393A



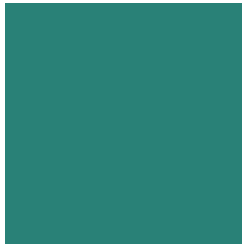
80000E



000000

Previews

White Background



This preview shows how the Hex color 298177 looks on a white background.

Color Contrast Check

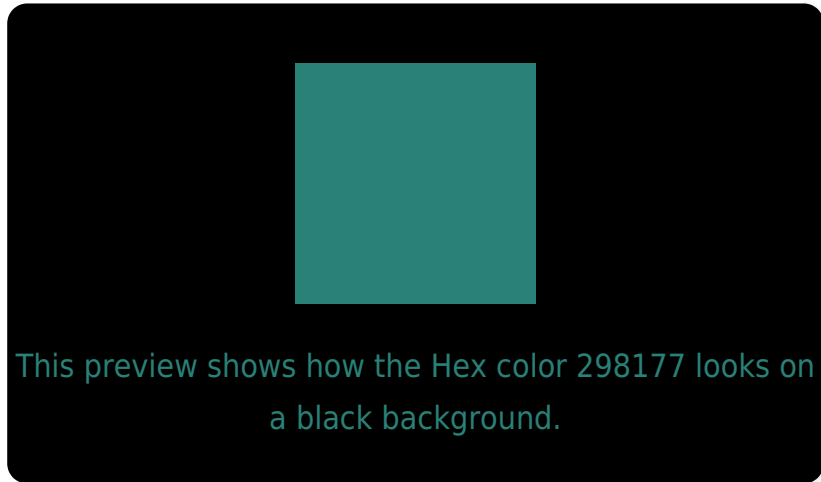
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 298177 Background



This preview shows how black text looks on a background with the Hex color 298177.

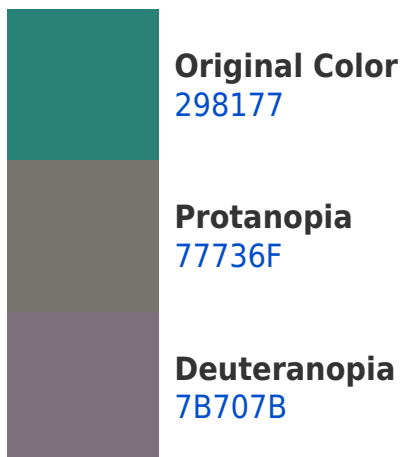


This preview shows how white text looks on a background with the Hex color 298177.

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
327E89

Trichromacy



Original Color
298177

Protanomaly
5B7872

Deuteranomaly
5D767A

Tritanomaly
2F7F82

Monochromacy



Original Color
298177

Achromatopsia
666666

Achromatomaly
50706C

CSS Examples

Text

The CSS property to change the color of the text to Hex 298177 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 #298177 looks like.

```
.text, #text, p{  
    color:#298177  
}
```

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 #298177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298177  
}
```

Border

The CSS property to change the border of an element to Hex 298177 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  
#298177 }
```

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

```
.border{ border-color:#298177 }
```

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

Here you see how a box with a 4 pixel #298177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298177; -webkit-box-shadow:4px 4px  
4px 4px #298177; box-shadow:4px 4px 4px  
4px #298177 }
```

Background

The CSS property to change the background color of an element to Hex 298177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298177 }
```

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

```
.background{ background-color:#298177 }
```

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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