

Converting Colors

Hex(297B85)

Have a look what the booklet for
Hex(297B85) contains.

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Color

Hex(297B85)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 297B85 |
| RGB | 41, 123, 133 |
| RGB Percent | 16%, 48%, 52% |
| CMY | 0.8392, 0.5176, 0.4784 |
| CMYK | 0.69, 0.08, 0.00, 0.48 |
| HSL | 187°, 53%, 34% |
| HSV | 187°, 69%, 52% |
| XYZ | 12.2310, 16.3308, 24.6978 |
| YIQ | 99.6220, -52.0820, -14.2740 |

Conversions

Conversions Part 2

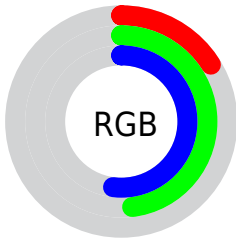
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 41, 84, 133 |
| Decimal | 2718597 |
| CIELab | 47.41, -20.87, -12.65 |
| CIELCh | 47, 24.404, 211.231 |
| Yxy | 16.3308, 0.2296, 0.3066 |
| Android (android.graphics.Color) | 4280908677 (0xFF297B85) |
| YUV | 99.6220, 16.4554, -51.4115 |
| Hunter-Lab | 40.4114, -16.6945, -7.9477 |

Details

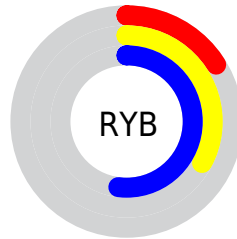
The Hex color **297B85** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **853329**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63B0BA**, and **004A54** is the 20% darker color. If you saturate the color by 10%, you get **1C7A85**, and if you desaturate by 10%, it is **367C85**.

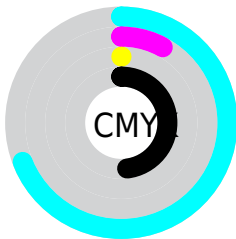
Distribution



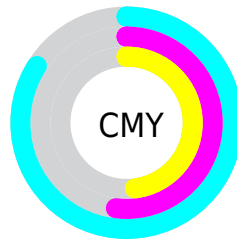
- Red (16%)
- Green (48%)
- Blue (52%)



- Red (16%)
- Yellow (33%)
- Blue (52%)



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297B85 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 297B85 by changing the saturation by 10% instead.

 297B85

 297B85

FFFFFF

 00626C

 63B0BA

 004A54

 7FCBD6

 00333C

 9BE8F2

 001F27

 B7FFFF

 000112

 D4FFFF

 000000

 F2FFFF

 297B85

 297B85

 1C7A85

 367C85

0E7885

447E85

017785

517F85

007785

5E8185

6B8285

798485

868585

938785

A18885

Harmonies

Analogous

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



387C71



297B85



377894

Triad

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



297B85



8B6485



7E6F47

Complementary

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



297B85



853329

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.



8F684D



297B85



976170

Square

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



297B85



746B94



98635C



68764D

Rectangle

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



297B85



4B7499



98635C



846D48

Sweetspot

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



297B85



89A9AD



298532



415457



D6D6D6



575757

Same Dimension

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



297B85



1D9EAD



294E85



3C4242



007482



000203

Inverse Universe

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



85297B



AD1D9E



856029



423C42



820074



030002

Previews

White Background



This preview shows how the Hex color 297B85 looks on a white background.

Color Contrast Check

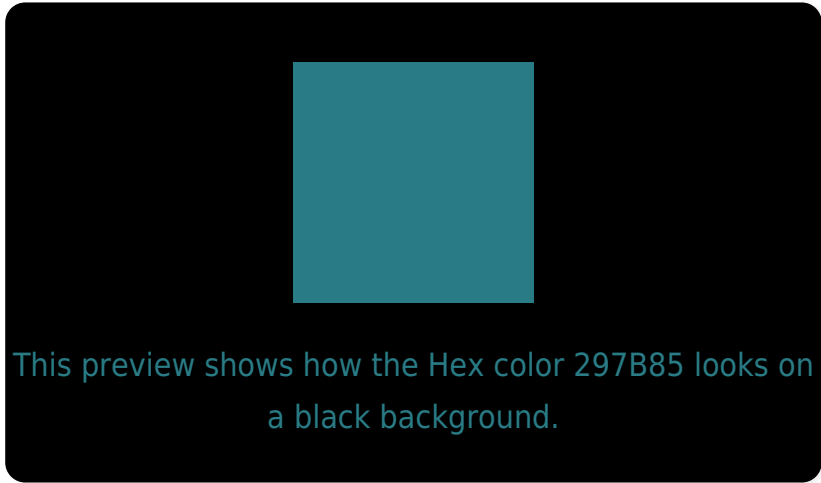
Large Text (above 18pt) WCAG AA ✓ Pass

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

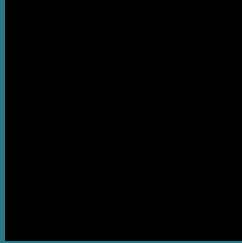
Any Text WCAG AA × Fail

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 297B85 Background



This preview shows how black text looks on a background with the Hex color 297B85.

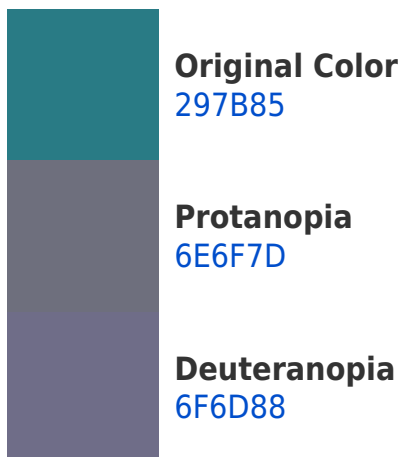


This preview shows how white text looks on a background with the Hex color 297B85.

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](#).

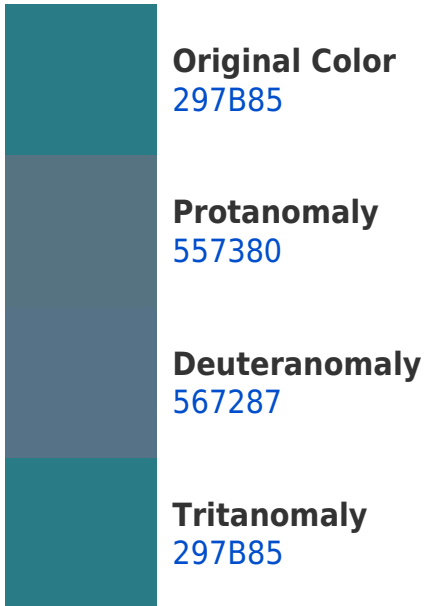
Dichromacy





Tritanopia
297B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 297B85 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 #297B85 looks like.

```
.text, #text, p{  
    color:#297B85  
}
```

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 #297B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297B85
}
```

Border

The CSS property to change the border of an element to Hex 297B85 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
#297B85 }
```

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

```
.border{ border-color:#297B85 }
```

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

Here you see how a box with a 4 pixel #297B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297B85; -webkit-box-shadow:4px 4px  
4px 4px #297B85; box-shadow:4px 4px 4px  
4px #297B85 }
```

Background

The CSS property to change the background color of an element to Hex 297B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297B85 }
```

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

```
.background{ background-color:#297B85 }
```

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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