

Converting Colors

Hex(298C72)

Have a look what the booklet for
Hex(298C72) contains.

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Color

Hex(298C72)

Conversions

Conversions Part 1

Format	Color
Hex	298C72
RGB	41, 140, 114
RGB Percent	16%, 55%, 45%
CMY	0.8392, 0.4510, 0.5529
CMYK	0.71, 0.00, 0.19, 0.45
HSL	164°, 55%, 35%
HSV	164°, 71%, 55%
XYZ	13.3298, 20.4425, 19.1628
YIQ	107.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

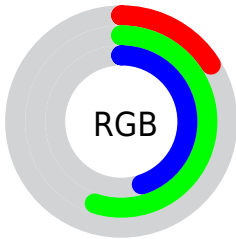
Format	Color
RYB	41, 98, 140
Decimal	2722930
CIELab	52.33, -34.77, 5.74
CIELCh	52, 35.237, 170.631
Yxy	20.4425, 0.2518, 0.3862
Android (android.graphics.Color)	4280913010 (0xFF298C72)
YUV	107.4350, 3.2365, -58.2635
Hunter-Lab	45.2134, -26.4981, 6.5204

Details

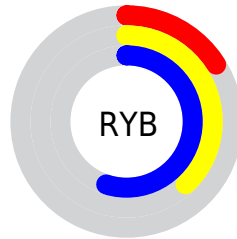
The Hex color **298C72** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C2943**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **64C2A6**, and **005942** is the 20% darker color. If you saturate the color by 10%, you get **1B8C6E**, and if you desaturate by 10%, it is **378C76**.

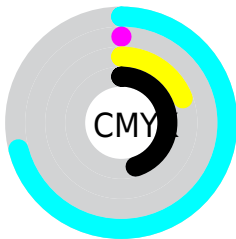
Distribution



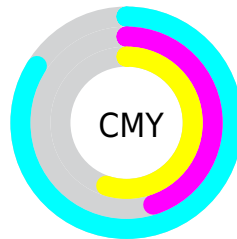
- Red (16%)
- Green (55%)
- Blue (45%)



- Red (16%)
- Yellow (38%)
- Blue (55%)



- Cyan (71%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298C72 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 298C72 by changing the saturation by 10% instead.

 298C72

 298C72

FFFFFF

 00725A

 64C2A6

 005942

 80DEC1

 00412C

 9CFBDD

 002A17

 B9FFF9

 000F00

 D6FFFF

 000000

 F3FFFF

 298C72

 298C72

 1B8C6E

 378C76

 0D8C6B

 458C79

 008C67

 538C7D

 618C81

 6F8C84

 7D8C88

 8B8C8C

 998C8F

 A78C93

Harmonies

Analogous

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



588855



298C72



008C91

Triad

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



298C72



7179B5



AD6D4F

Complementary

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



298C72



8C2943

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.



B76569



298C72



996DA3

Square

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



298C72



3783B8



B16588



987841

Rectangle

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



298C72



008BA3



B16588



B26A57

Sweetspot

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



298C72



8FB5AB



438C29



455C56



DBDBDB



5C5C5C

Same Dimension

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



298C72



1BB58D



29758C



3E4543



008562



000504

Inverse Universe

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



8C2943



B51B44



8C4029



453E40



850023



050001

Previews

White Background



This preview shows how the Hex color 298C72 looks on a white background.

Color Contrast Check

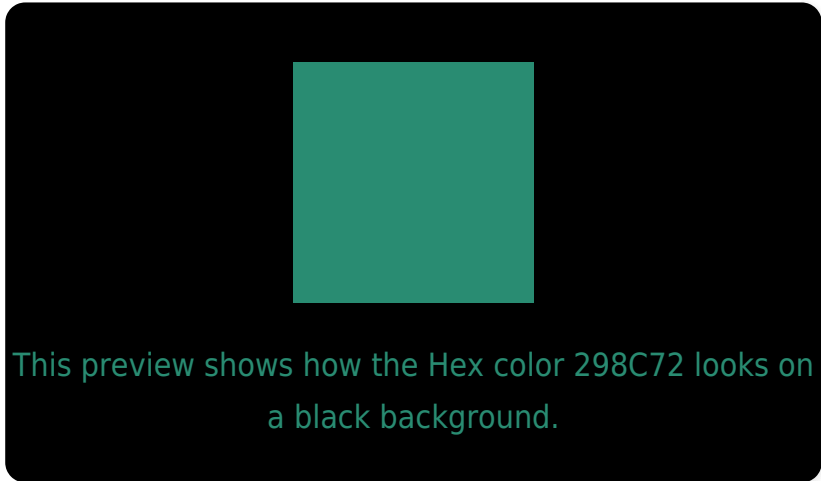
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

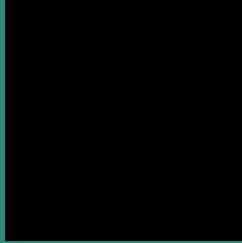
Any Text WCAG AA ✓ Pass

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 298C72 Background



This preview shows how black text looks on a background with the Hex color 298C72.

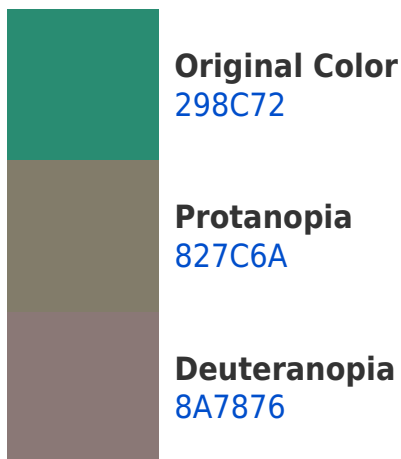


This preview shows how white text looks on a background with the Hex color 298C72.

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
388893

Trichromacy



Original Color
298C72



Protanomaly
62826D



Deuteranomaly
677F75



Tritanomaly
338987

Monochromacy



Original Color
298C72



Achromatopsia
6B6B6B



Achromatomaly
53776E

CSS Examples

Text

The CSS property to change the color of the text to Hex 298C72 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 #298C72 looks like.

```
.text, #text, p{  
    color:#298C72  
}
```

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 #298C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298C72
}
```

Border

The CSS property to change the border of an element to Hex 298C72 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
#298C72 }
```

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

```
.border{ border-color:#298C72 }
```

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

Here you see how a box with a 4 pixel #298C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298C72; -webkit-box-shadow:4px 4px  
4px 4px #298C72; box-shadow:4px 4px 4px  
4px #298C72 }
```

Background

The CSS property to change the background color of an element to Hex 298C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298C72 }
```

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

```
.background{ background-color:#298C72 }
```

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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