

Converting Colors

Hex(29978B)

Have a look what the booklet for
Hex(29978B) contains.

Hex(29978B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(29978B)

Conversions

Conversions Part 1

Format	Color
Hex	29978B
RGB	41, 151, 139
RGB Percent	16%, 59%, 55%
CMY	0.8392, 0.4078, 0.4549
CMYK	0.73, 0.00, 0.08, 0.41
HSL	173°, 57%, 38%
HSV	173°, 73%, 59%
XYZ	16.6413, 24.4687, 28.2719
YIQ	116.7420, -61.7080, -27.0520

Conversions

Conversions Part 2

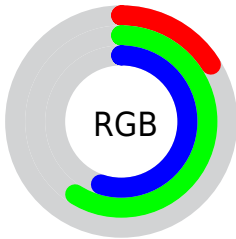
Format	Color
RYB	41, 99, 151
Decimal	2725771
CIELab	56.55, -33.02, -2.50
CIELCh	57, 33.110, 184.331
Yxy	24.4687, 0.2399, 0.3527
Android (android.graphics.Color)	4280915851 (0xFF29978B)
YUV	116.7420, 10.9732, -66.4257
Hunter-Lab	49.4659, -26.5144, 0.7392

Details

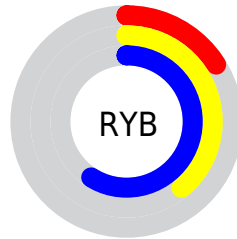
The Hex color **29978B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **972935**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **68CEC0**, and **006359** is the 20% darker color. If you saturate the color by 10%, you get **1A9789**, and if you desaturate by 10%, it is **38978D**.

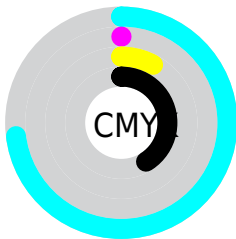
Distribution



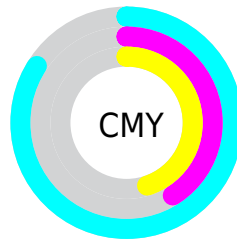
- Red (16%)
- Green (59%)
- Blue (55%)



- Red (16%)
- Yellow (39%)
- Blue (59%)



- Cyan (73%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (84%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29978B 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 29978B by changing the saturation by 10% instead.

■ 29978B

■ 29978B

FFFFFF

■ 007D72

■ 68CEC0

■ 006359

■ 85EADC

■ 004B42

■ A1FFF9

■ 00332C

■ BEFFFF

■ 001F17

■ DCFFFF

■ 000000

■ FAFFFF

■ 29978B

■ 29978B

■ 1A9789

■ 38978D

0B9788

47978E

009787

569790

659792

759793

849795

939797

A29798

B1979A

Harmonies

Analogous

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



54956E



29978B



0096A7

Triad

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



29978B



907FB7



AF7D54

Complementary

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



29978B



972935

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.



BD7469



29978B



AF75A1

Square

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



29978B



6489C1



BE7185



96874D

Rectangle

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



29978B



1693B6



BE7185



B57A5A

Sweetspot

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



29978B



99C4C0



369729



4A6361



E3E3E3



636363

Same Dimension

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



29978B



1AC4B2



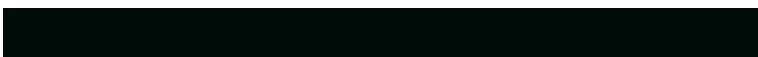
296D97



454D4C



008C7D



000D0B

Inverse Universe

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



972935



C41A2C



975329



4D4546



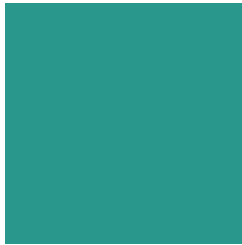
8C000F



0D0001

Previews

White Background



This preview shows how the Hex color 29978B looks on a white background.

Color Contrast Check

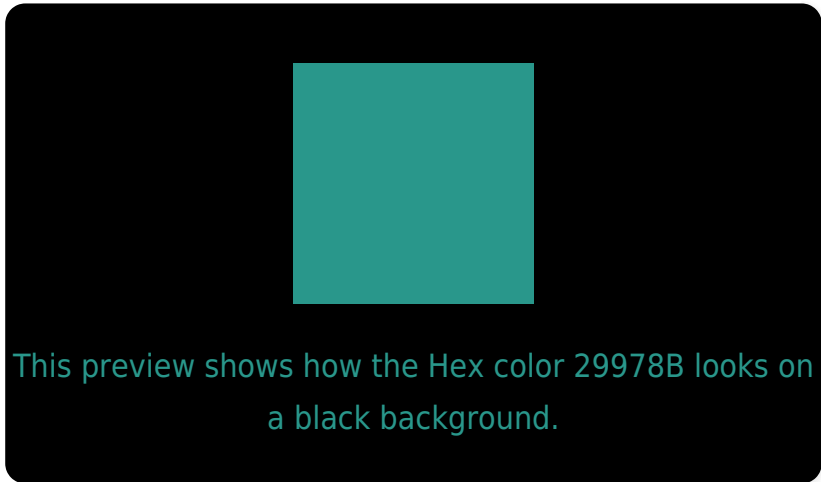
Large Text (above 18pt) WCAG AA ✓ Pass

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

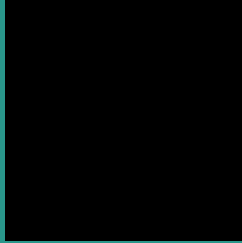
Any Text WCAG AA ✓ Pass

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 29978B Background



This preview shows how black text looks on a background with the Hex color 29978B.

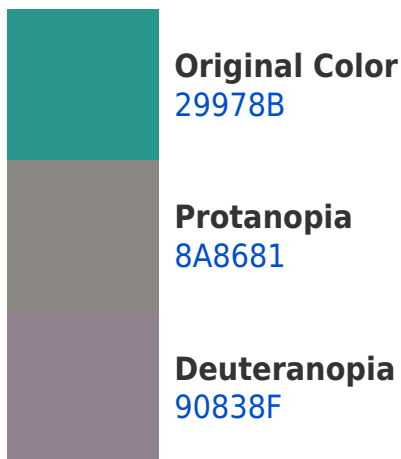


This preview shows how white text looks on a background with the Hex color 29978B.

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](#).

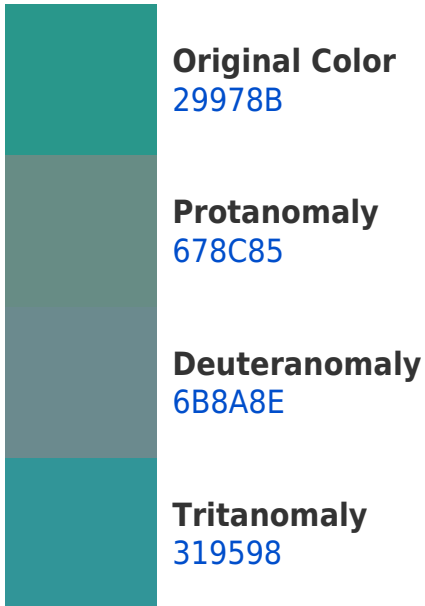
Dichromacy



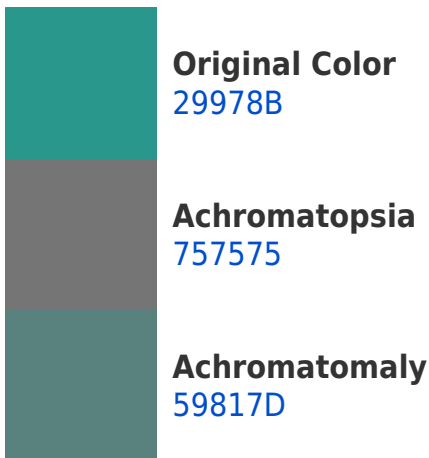


Tritanopia
3594A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29978B 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 #29978B looks like.

```
.text, #text, p{  
    color:#29978B  
}
```

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 #29978B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29978B
}
```

Border

The CSS property to change the border of an element to Hex 29978B 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
#29978B }
```

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

```
.border{ border-color:#29978B }
```

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

Here you see how a box with a 4 pixel #29978B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29978B; -webkit-box-shadow:4px 4px  
4px 4px #29978B; box-shadow:4px 4px 4px  
4px #29978B }
```

Background

The CSS property to change the background color of an element to Hex 29978B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29978B }
```

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

```
.background{ background-color:#29978B }
```

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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