

# Converting Colors

Hex(29788D)

Have a look what the booklet for  
Hex(29788D) contains.

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# Color

Hex(29788D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	29788D
RGB	41, 120, 141
RGB Percent	16%, 47%, 55%
CMY	0.8392, 0.5294, 0.4471
CMYK	0.71, 0.15, 0.00, 0.45
HSL	193°, 55%, 36%
HSV	193°, 71%, 55%
XYZ	12.4386, 15.8274, 27.5987
YIQ	98.7730, -53.8250, -10.2170

# Conversions

## Conversions Part 2

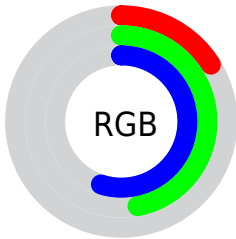
Format	Color
<b>RYB</b>	41, 85, 141
Decimal	2717837
CIELab	46.75, -16.61, -18.39
CIElCh	47, 24.779, 227.908
Yxy	15.8274, 0.2227, 0.2833
Android (android.graphics.Color)	4280907917 (0xFF29788D)
YUV	98.7730, 20.8179, -50.6669
Hunter-Lab	39.7837, -13.8123, -13.2820




# Details

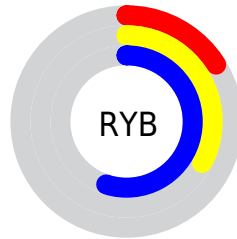
The Hex color **29788D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D3E29**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **64ACC3**, and **00475B** is the 20% darker color. If you saturate the color by 10%, you get **1B758D**, and if you desaturate by 10%, it is **377B8D**.

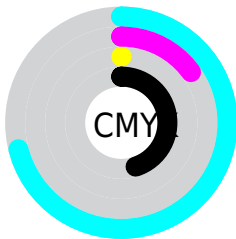
# Distribution







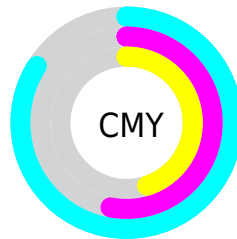
-  Red (16%)
-  Green (47%)
-  Blue (55%)






-  Red (16%)
-  Yellow (33%)
-  Blue (55%)



-  Cyan (71%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (84%)
-  Magenta (53%)
-  Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29788D 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 29788D by changing the saturation by 10% instead.



■ 29788D

■ 29788D

FFFFFF

■ 005F73

■ 64ACC3

■ 00475B

■ 80C8DF

■ 003143

■ 9CE4FB

■ 001D2D

■ B9FFFF

■ 000119

■ D6FFFF

■ 000000

■ F3FFFF

■ 29788D

■ 29788D

■ 1B758D

■ 377B8D

0D728D

457E8D

006F8D

53818D

61848D

70878D

7E8A8D

8C8D8D

9A908D

A8938D

# Harmonies

## Analogous

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



297A7B



29788D



457397

# Triad

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



29788D



926078



707147

# Complementary

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



29788D



8D3E29

# 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.



856B46



29788D



985F63

# Square

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



29788D



81658B



936451



597752

# Rectangle

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



29788D



5B6F98



936451



786F45



# Sweetspot

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



29788D



91B0B8



298D3D



45575C



DBDBDB



5C5C5C



# Same Dimension

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



29788D



1C97B8



29478D



404647



006B87



000608



# Inverse Universe

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



8D2978



B81C97



8D6F29



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 29788D looks on a white background.

### Color Contrast Check

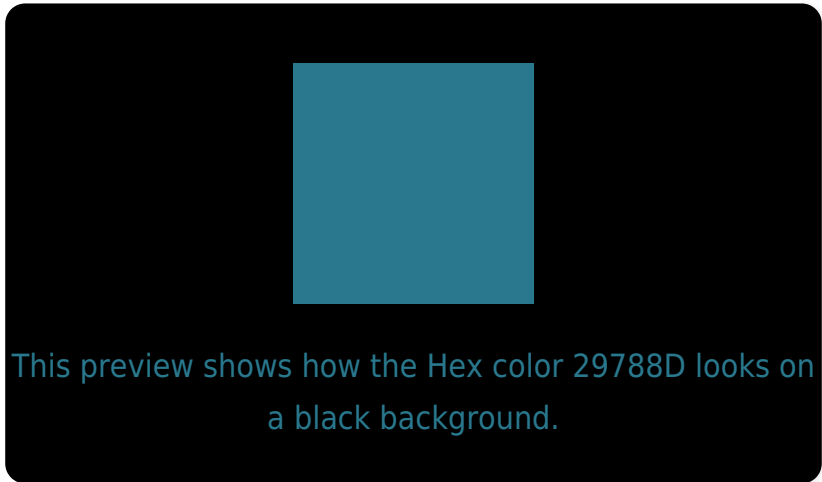
Large Text (above 18pt) WCAG AA ✓ Pass

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

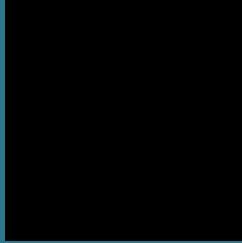
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 29788D Background



This preview shows how black text looks on a background with the Hex color 29788D.

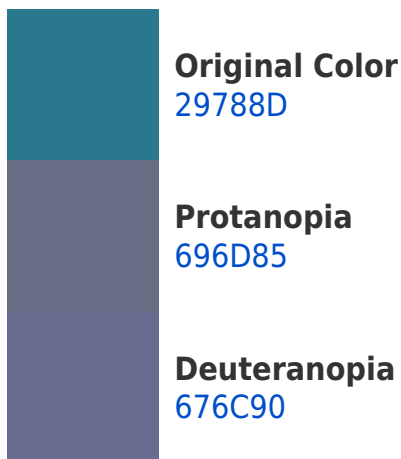



This preview shows how white text looks on a background with the Hex color 29788D.

# 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](#).

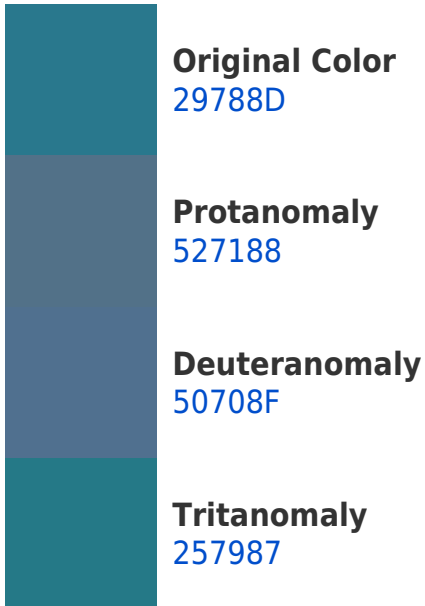
## Dichromacy





**Tritanopia**  
237A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29788D 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 #29788D looks like.

```
.text, #text, p{  
    color:#29788D  
}
```

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 #29788D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29788D
}
```

## Border

The CSS property to change the border of an element to Hex 29788D 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
#29788D }
```

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

```
.border{ border-color:#29788D }
```

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

Here you see how a box with a 4 pixel #29788D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29788D; -webkit-box-shadow:4px 4px  
4px 4px #29788D; box-shadow:4px 4px 4px  
4px #29788D }
```

# Background

The CSS property to change the background color of an element to Hex 29788D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29788D }
```

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

```
.background{ background-color:#29788D }
```

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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