

# Converting Colors

Hex(27808B)

Have a look what the booklet for  
Hex(27808B) contains.

<b>Hex(27808B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(27808B)

# Conversions

## Conversions Part 1

Format	Color
Hex	27808B
RGB	39, 128, 139
RGB Percent	15%, 50%, 55%
CMY	0.8471, 0.4980, 0.4549
CMYK	0.72, 0.08, 0.00, 0.45
HSL	187°, 56%, 35%
HSV	187°, 72%, 55%
XYZ	13.2161, 17.7338, 27.1525
YIQ	102.6430, -56.5750, -15.4470

# Conversions

## Conversions Part 2

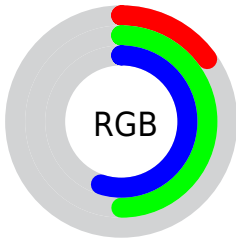
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 86, 139
Decimal	2588811
CIE <sub>Lab</sub>	49.17, -21.88, -13.52
CIE <sub>LCh</sub>	49, 25.719, 211.719
Yxy	17.7338, 0.2275, 0.3052
Android (android.graphics.Color)	4280778891 (0xFF27808B)
YUV	102.6430, 17.9240, -55.8149
Hunter-Lab	42.1115, -17.6754, -8.7508

# Details

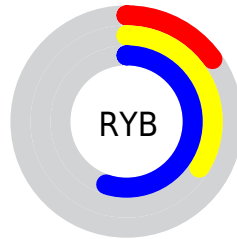
The Hex color **27808B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B3227**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **63B5C0**, and **004E59** is the 20% darker color. If you saturate the color by 10%, you get **197E8B**, and if you desaturate by 10%, it is **35828B**.

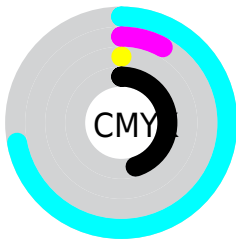
# Distribution



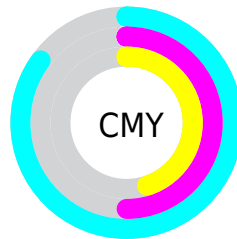
- Red (15%)
- Green (50%)
- Blue (55%)



- Red (15%)
- Yellow (34%)
- Blue (55%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (50%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27808B 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 27808B by changing the saturation by 10% instead.



 27808B

 27808B

FFFFFF

 006772

 63B5C0

 004E59

 7FD1DC

 003742

 9CEDF9

 00222C

 B8FFFF

 000118

 D5FFFF

 000000

 F3FFFF

 27808B

 27808B

 197E8B

 35828B

■ 0B7D8B

■ 43838B

■ 007C8B

■ 51858B

■ 5F868B

■ 6D888B

■ 7A898B

■ 888B8B

■ 968C8B

■ A48E8B

# Harmonies

## Analogous

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



378175



27808B



377D9B

# Triad

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



27808B



92688A



827449

# Complementary

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



27808B



8B3227

# 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.



956C4F



27808B



9E6474

# Square

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



27808B



796F9A



9F665F



6B7A4F

# Rectangle

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



27808B



4D79A0



9F665F



89714A



# Sweetspot

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



27808B



8DB1B5



278B31



44595C



DBDBDB



5C5C5C



# Same Dimension

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



27808B



19A4B5



274F8B



3E4445



007685



000505



# Inverse Universe

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



8B2780



B519A4



8B6327



453E44



850076



050005



# Previews

## White Background



This preview shows how the Hex color 27808B looks on a white background.

## Color Contrast Check

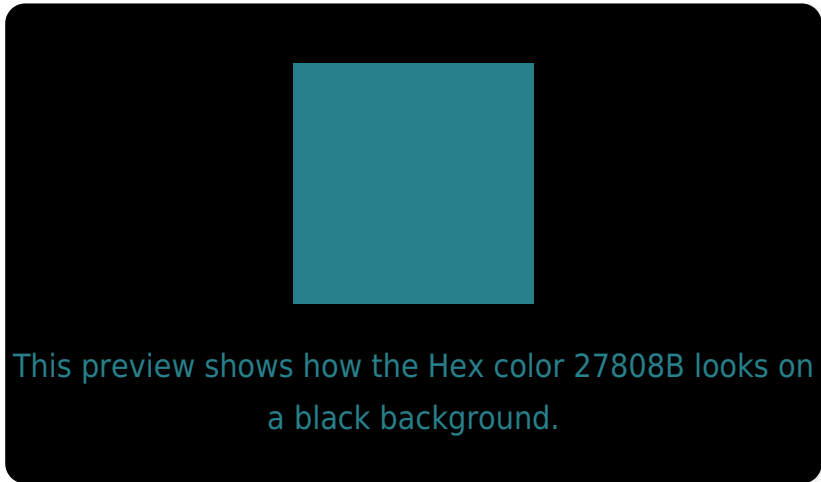
Large Text (above 18pt) WCAG AA ✓ Pass

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

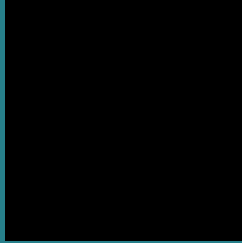
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 27808B Background



This preview shows how black text looks on a background with the Hex color 27808B.

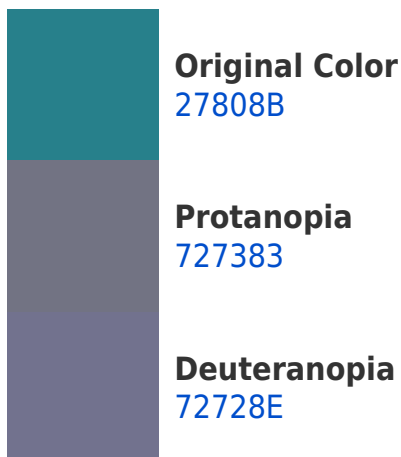


This preview shows how white text looks on a background with the Hex color 27808B.

# 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](#).

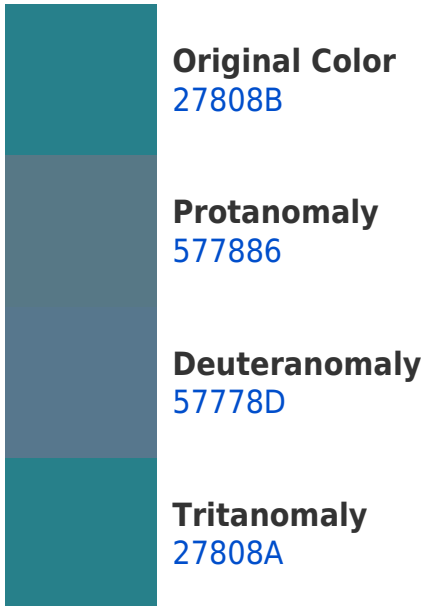
## Dichromacy



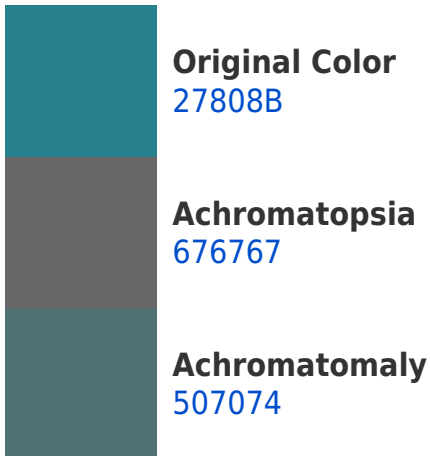


**Tritanopia**  
27808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27808B 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 #27808B looks like.

```
.text, #text, p{  
    color:#27808B  
}
```

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 #27808B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27808B
}
```

## Border

The CSS property to change the border of an element to Hex 27808B 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
#27808B }
```

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

```
.border{ border-color:#27808B }
```

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

Here you see how a box with a 4 pixel #27808B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27808B; -webkit-box-shadow:4px 4px  
4px 4px #27808B; box-shadow:4px 4px 4px  
4px #27808B }
```

# Background

The CSS property to change the background color of an element to Hex 27808B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27808B }
```

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

```
.background{ background-color:#27808B }
```

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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