

# Converting Colors

Hex(268C9E)

Have a look what the booklet for  
Hex(268C9E) contains.

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# Color

Hex(268C9E)

# Conversions

## Conversions Part 1

Format	Color
Hex	268C9E
RGB	38, 140, 158
RGB Percent	15%, 55%, 62%
CMY	0.8510, 0.4510, 0.3804
CMYK	0.76, 0.11, 0.00, 0.38
HSL	189°, 61%, 38%
HSV	189°, 76%, 62%
XYZ	16.3490, 21.6369, 35.6624
YIQ	111.5540, -66.5700, -16.0260

# Conversions

## Conversions Part 2

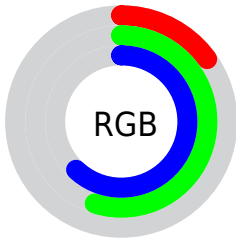
Format	Color
R <sub>Y</sub> B	38, 93, 158
Decimal	2526366
CIE Lab	53.64, -22.10, -17.79
CIE LCh	54, 28.374, 218.840
Yxy	21.6369, 0.2220, 0.2938
Android (android.graphics.Color)	4280716446 (0xFF268C9E)
YUV	111.5540, 22.8979, -64.5069
Hunter-Lab	46.5154, -18.6639, -12.8956

# Details

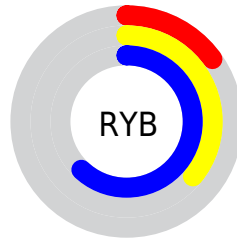
The Hex color **268C9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E3826**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67C2D5**, and **005A6B** is the 20% darker color. If you saturate the color by 10%, you get **168A9E**, and if you desaturate by 10%, it is **368E9E**.

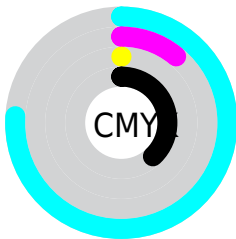
# Distribution



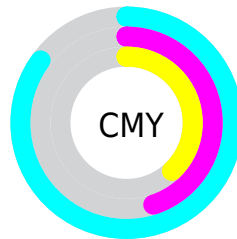
- Red (15%)
- Green (55%)
- Blue (62%)



- Red (15%)
- Yellow (36%)
- Blue (62%)



- Cyan (76%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (85%)
- Magenta (45%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 268C9E 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 268C9E by changing the saturation by 10% instead.



■ 268C9E

■ 268C9E

FFFFFF

■ 007284

■ 67C2D5

■ 005A6B

■ 84DEF1

■ 004252

■ A1FAFF

■ 002B3B

■ BEFFFF

■ 001726

■ DBFFFF

■ 000110

■ F9FFFF

■ 000000

■ 268C9E

■ 268C9E

■ 168A9E

■ 368E9E

06879E

46919E

00869E

55939E

65959E

75989E

859A9E

959D9E

A49F9E

B4A19E

# Harmonies

## Analogous

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



338D87



268C9E



4287AD

# Triad

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



268C9E



A57092



8A814F

# Complementary

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



268C9E



9E3826

# 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.



9F7953



268C9E



B06D7A

# Square

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



268C9E



8D77A6



AD7163



6F8859

# Rectangle

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



268C9E



5C83B1



AD7163



927E4F



# Sweetspot

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



268C9E



9FC7CF



269E38



4B6469



E8E8E8



696969



# Same Dimension

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



268C9E



13B2CF



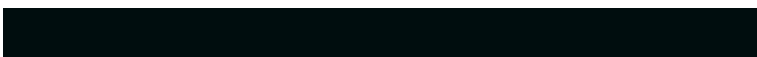
26509E



474E4F



00798F



000D0F



# Inverse Universe

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



9E268C



CF13B2



9E7426



4F474E



8F0079



0F000D



# Previews

## White Background



This preview shows how the Hex color 268C9E looks on a white background.

## Color Contrast Check

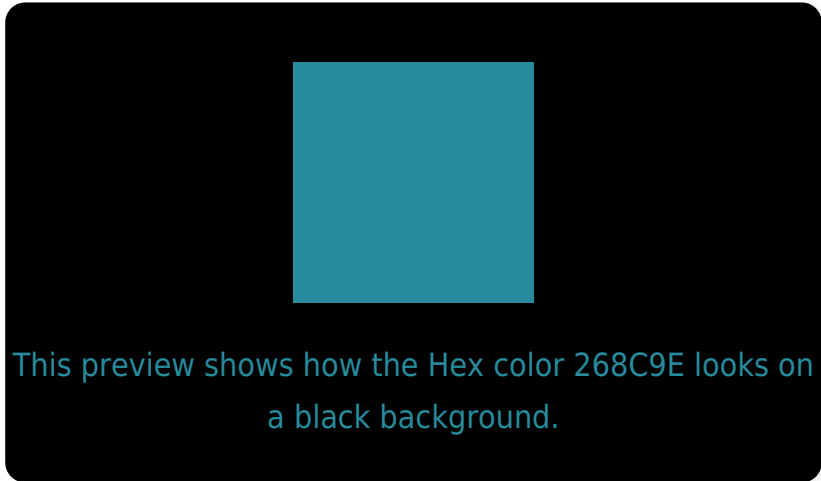
Large Text (above 18pt) WCAG AA ✓ Pass

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

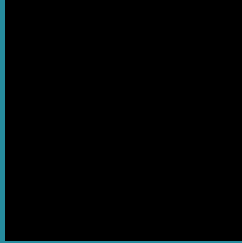
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 268C9E Background



This preview shows how black text looks on a background with the Hex color 268C9E.

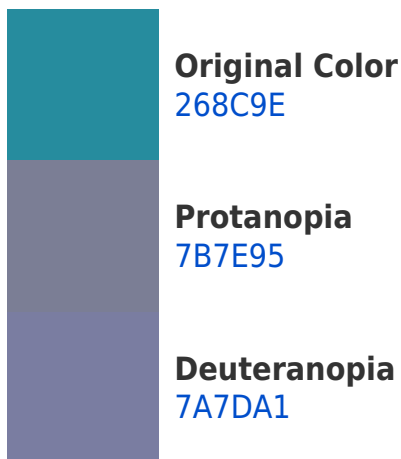


This preview shows how white text looks on a background with the Hex color 268C9E.

# 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](#).

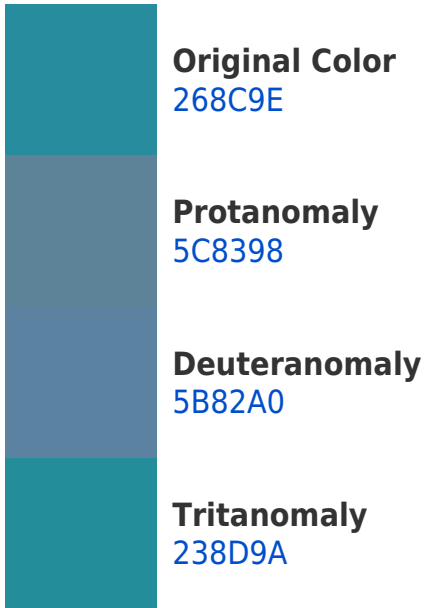
## Dichromacy





**Tritanopia**  
218D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 268C9E 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 #268C9E looks like.

```
.text, #text, p{  
    color:#268C9E  
}
```

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 #268C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268C9E
}
```

## Border

The CSS property to change the border of an element to Hex 268C9E 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
#268C9E }
```

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

```
.border{ border-color:#268C9E }
```

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

Here you see how a box with a 4 pixel #268C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268C9E; -webkit-box-shadow:4px 4px  
4px 4px #268C9E; box-shadow:4px 4px 4px  
4px #268C9E }
```

# Background

The CSS property to change the background color of an element to Hex 268C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268C9E }
```

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

```
.background{ background-color:#268C9E }
```

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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