

# Converting Colors

Hex(25909E)

Have a look what the booklet for  
Hex(25909E) contains.

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# Color

Hex(25909E)

# Conversions

## Conversions Part 1

Format	Color
Hex	25909E
RGB	37, 144, 158
RGB Percent	15%, 56%, 62%
CMY	0.8549, 0.4353, 0.3804
CMYK	0.77, 0.09, 0.00, 0.38
HSL	187°, 62%, 38%
HSV	187°, 77%, 62%
XYZ	16.9078, 22.8085, 35.8591
YIQ	113.6030, -68.2660, -18.3300

# Conversions

## Conversions Part 2

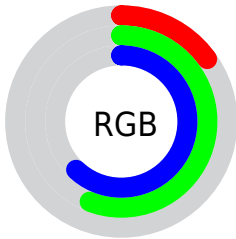
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 94, 158
Decimal	2461854
CIELab	54.87, -24.29, -15.92
CIElCh	55, 29.042, 213.238
Yxy	22.8085, 0.2237, 0.3018
Android (android.graphics.Color)	4280651934 (0xFF25909E)
YUV	113.6030, 21.8877, -67.1808
Hunter-Lab	47.7582, -20.3828, -11.0870

# Details

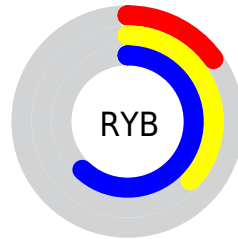
The Hex color **25909E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E3325**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66C6D5**, and **005D6B** is the 20% darker color. If you saturate the color by 10%, you get **158E9E**, and if you desaturate by 10%, it is **35929E**.

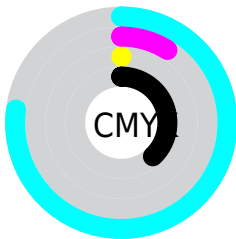
# Distribution



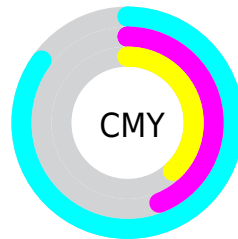
- Red (15%)
- Green (56%)
- Blue (62%)



- Red (15%)
- Yellow (37%)
- Blue (62%)



- Cyan (77%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (85%)
- Magenta (44%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25909E 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 25909E by changing the saturation by 10% instead.



■ 25909E

■ 25909E

FFFFFF

■ 007684

■ 66C6D5

■ 005D6B

■ 84E2F1

■ 004552

■ A1FFFF

■ 002E3B

■ BEFFFF

■ 001B26

■ DCFFFF

■ 000110

■ F9FFFF

■ 000000

■ 25909E

■ 25909E

■ 158E9E

■ 35929E

■ 058C9E

■ 45949E

■ 008C9E

■ 54959E

■ 64979E

■ 74999E

■ 849B9E

■ 949D9E

■ A39F9E

■ B3A09E

# Harmonies

## Analogous

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



399185



25909E



3C8CB0

# Triad

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



25909E



A5749A



928351

# Complementary

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



25909E



9E3325

# 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.



A77A57



25909E



B37082

# Square

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



25909E



8A7CAD



B37369



778A59

# Rectangle

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



25909E



5787B5



B37369



998051



# Sweetspot

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



25909E



9FC9CF



259E31



4B6569



E8E8E8



696969



# Same Dimension

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



25909E



11B9CF



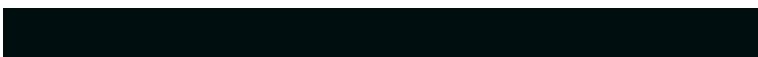
25559E



474E4F



007E8F



000E0F



# Inverse Universe

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



9E2590



CF11B9



9E6E25



4F474E



8F007E

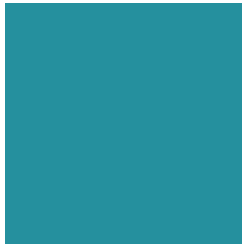


0F000E



# Previews

## White Background



This preview shows how the Hex color 25909E looks on a white background.

## Color Contrast Check

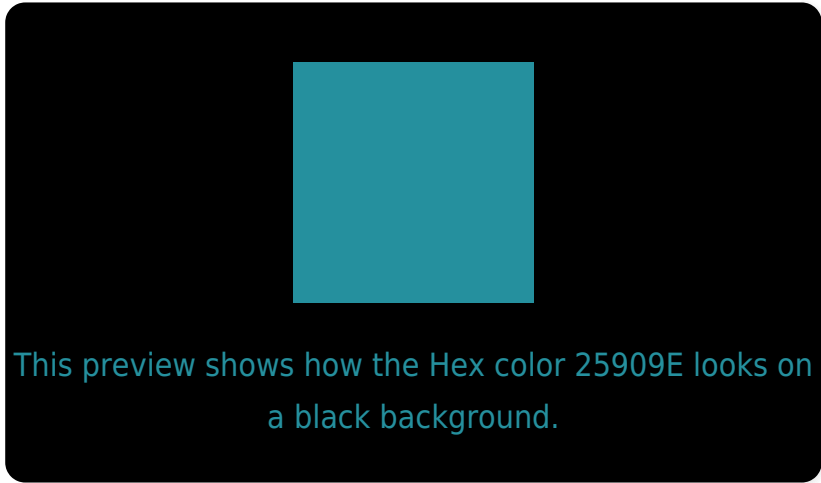
Large Text (above 18pt) WCAG AA ✓ Pass

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

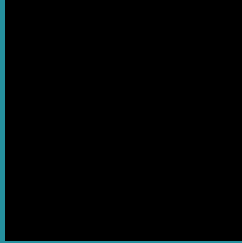
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 25909E Background



This preview shows how black text looks on a background with the Hex color 25909E.

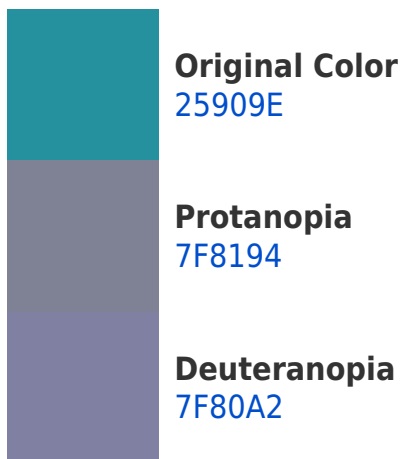


This preview shows how white text looks on a background with the Hex color 25909E.

# 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](#).

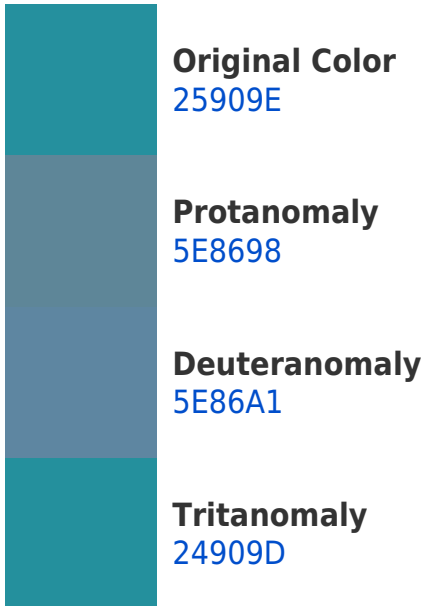
## Dichromacy



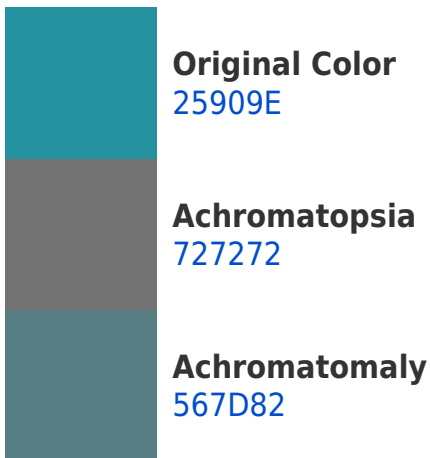


**Tritanopia**  
23909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25909E 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 #25909E looks like.

```
.text, #text, p{  
    color:#25909E  
}
```

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 #25909E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25909E
}
```

## Border

The CSS property to change the border of an element to Hex 25909E 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
#25909E }
```

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

```
.border{ border-color:#25909E }
```

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

Here you see how a box with a 4 pixel #25909E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25909E; -webkit-box-shadow:4px 4px  
4px 4px #25909E; box-shadow:4px 4px 4px  
4px #25909E }
```

# Background

The CSS property to change the background color of an element to Hex 25909E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25909E }
```

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

```
.background{ background-color:#25909E }
```

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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