

# Converting Colors

Hex(25949C)

Have a look what the booklet for  
Hex(25949C) contains.

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# Color

Hex(25949C)

# Conversions

## Conversions Part 1

Format	Color
Hex	25949C
RGB	37, 148, 156
RGB Percent	15%, 58%, 61%
CMY	0.8549, 0.4196, 0.3882
CMYK	0.76, 0.05, 0.00, 0.39
HSL	184°, 62%, 38%
HSV	184°, 76%, 61%
XYZ	17.3536, 23.9734, 35.1652
YIQ	115.7230, -68.7240, -21.0440

# Conversions

## Conversions Part 2

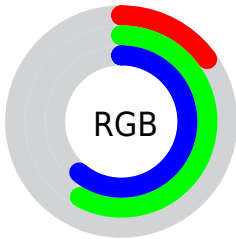
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 94, 156
Decimal	2462876
CIELab	56.06, -26.96, -12.98
CIELCh	56, 29.916, 205.705
Yxy	23.9734, 0.2269, 0.3134
Android (android.graphics.Color)	4280652956 (0xFF25949C)
YUV	115.7230, 19.8566, -69.0401
Hunter-Lab	48.9627, -22.4198, -8.3085

# Details

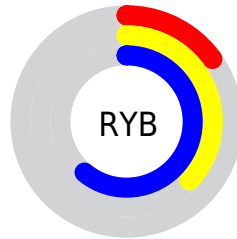
The Hex color **25949C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C2D25**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67CAD2**, and **006169** is the 20% darker color. If you saturate the color by 10%, you get **15939C**, and if you desaturate by 10%, it is **35959C**.

# Distribution



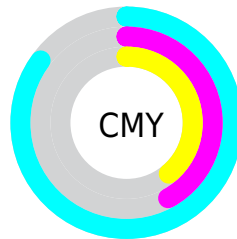
- Red (15%)
- Green (58%)
- Blue (61%)



- Red (15%)
- Yellow (37%)
- Blue (61%)



- Cyan (76%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (42%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25949C 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 25949C by changing the saturation by 10% instead.



 25949C

 25949C

FFFFFF

 007A82

 67CAD2

 006169

 84E7EF

 004951

 A1FFFF

 00313A

 BEFFFF

 001E24

 DCFFFF

 00010E

 FAFFFF

 000000

 25949C

 25949C

 15939C

 35959C

06929C

44969C

00929C

54979C

63989C

73999C

839A9C

929B9C

A29C9C

B19D9C

# Harmonies

## Analogous

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



429482



25949C



3291B1

# Triad

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



25949C



A478A4



9B8452

# Complementary

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



25949C



9C2D25

# 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.



AF7B5C



25949C



B6738B

# Square

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



25949C



8481B5



B97471



818C57

# Rectangle

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



25949C



4D8DB8



B97471



A38054



# Sweetspot

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



25949C



9DC9CC



259C2D



496466



E6E6E6



666666



# Same Dimension

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



25949C



10BFCC



25599C



474F4F



00858F



000E0F



# Inverse Universe

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



9C2594



CC10BF



9C6825



4F474F



8F0085



0F000E



# Previews

## White Background



This preview shows how the Hex color 25949C looks on a white background.

## Color Contrast Check

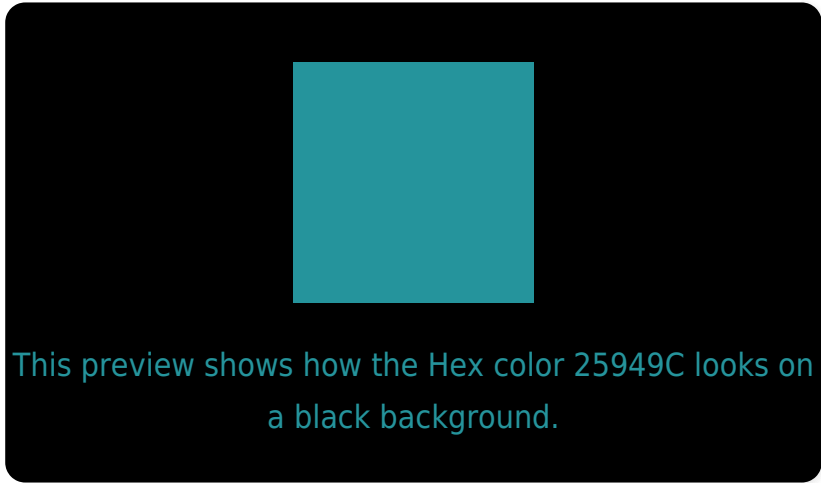
Large Text (above 18pt) WCAG AA ✓ Pass

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

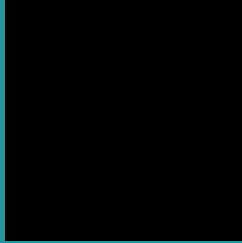
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 25949C Background



This preview shows how black text looks on a background with the Hex color 25949C.

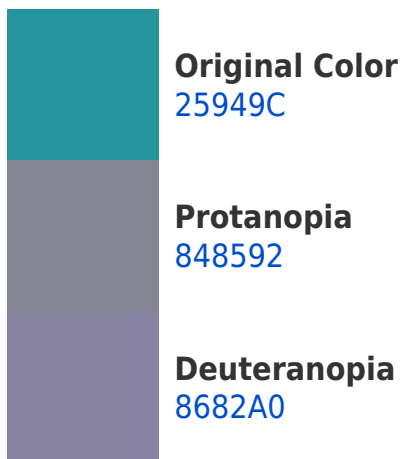


This preview shows how white text looks on a background with the Hex color 25949C.

# 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**  
28939F

# Trichromacy



**Original Color**  
25949C



**Protanomaly**  
618A96



**Deuteranomaly**  
63899F



**Tritanomaly**  
27939E

# Monochromacy



**Original Color**  
25949C



**Achromatopsia**  
747474



**Achromatomaly**  
578083

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25949C 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 #25949C looks like.

```
.text, #text, p{  
    color:#25949C  
}
```

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 #25949C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25949C
}
```

## Border

The CSS property to change the border of an element to Hex 25949C 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
#25949C }
```

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

```
.border{ border-color:#25949C }
```

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

Here you see how a box with a 4 pixel #25949C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25949C; -webkit-box-shadow:4px 4px  
4px 4px #25949C; box-shadow:4px 4px 4px  
4px #25949C }
```

# Background

The CSS property to change the background color of an element to Hex 25949C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25949C }
```

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

```
.background{ background-color:#25949C }
```

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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