

# Converting Colors

Hex(259D70)

Have a look what the booklet for  
Hex(259D70) contains.

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# Color

Hex(259D70)

# Conversions

## Conversions Part 1

Format	Color
Hex	259D70
RGB	37, 157, 112
RGB Percent	15%, 62%, 44%
CMY	0.8549, 0.3843, 0.5608
CMYK	0.76, 0.00, 0.29, 0.38
HSL	158°, 62%, 38%
HSV	158°, 76%, 62%
XYZ	15.7446, 25.6771, 19.4556
YIQ	115.9900, -57.0750, -39.4350

# Conversions

## Conversions Part 2

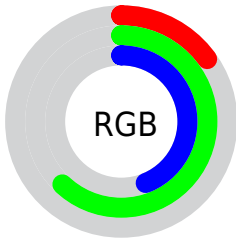
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 111, 157
Decimal	2465136
CIELab	57.73, -43.20, 14.47
CIELCh	58, 45.558, 161.480
Yxy	25.6771, 0.2586, 0.4218
Android (android.graphics.Color)	4280655216 (0xFF259D70)
YUV	115.9900, -1.9671, -69.2742
Hunter-Lab	50.6726, -33.2150, 12.7066

# Details

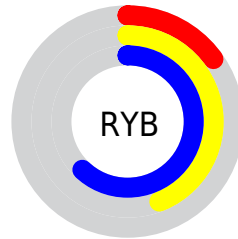
The Hex color **259D70** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D2552**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65D4A4**, and **006840** is the 20% darker color. If you saturate the color by 10%, you get **159D6A**, and if you desaturate by 10%, it is **359D76**.

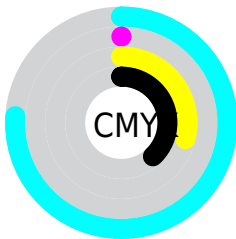
# Distribution



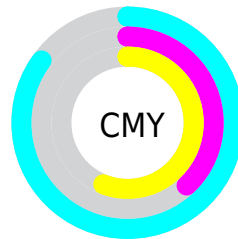
- Red (15%)
- Green (62%)
- Blue (44%)



- Red (15%)
- Yellow (44%)
- Blue (62%)



- Cyan (76%)
- Magenta (0%)
- Yellow (29%)
- Black (38%)



- Cyan (85%)
- Magenta (38%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 259D70 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 259D70 by changing the saturation by 10% instead.



 259D70

 259D70

FFFFFF

 008257

 65D4A4

 006840

 82F1BF

 004F2A

 9FFFDB

 003715

 BCFFF7

 002200

 D9FFFF

 000000

 F7FFFF

 259D70

 259D70

 159D6A

 359D76

069D64

449D7C

009D62

549D82

649D88

749D8D

839D93

939D99

A39D9F

B29DA5

# Harmonies

## Analogous

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



68974D



259D70



009F99

# Triad

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



259D70



628AD9



CE7158

# Complementary

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



259D70



9D2552

# 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.



D5697D



259D70



A27AC7

# Square

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



259D70



0096D6



C76CA5



B6803E

# Rectangle

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



259D70



009EB3



C76CA5



D36D63



# Sweetspot

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



259D70



9DCCBA



539D25



49665B



E6E6E6



666666



# Same Dimension

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



259D70



10CC86



258F9D



474F4C



008F59



000F0A



# Inverse Universe

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



9D2552



CC1057



9D3325



4F474A



8F0036



0F0006



# Previews

## White Background



This preview shows how the Hex color 259D70 looks on a white background.

## Color Contrast Check

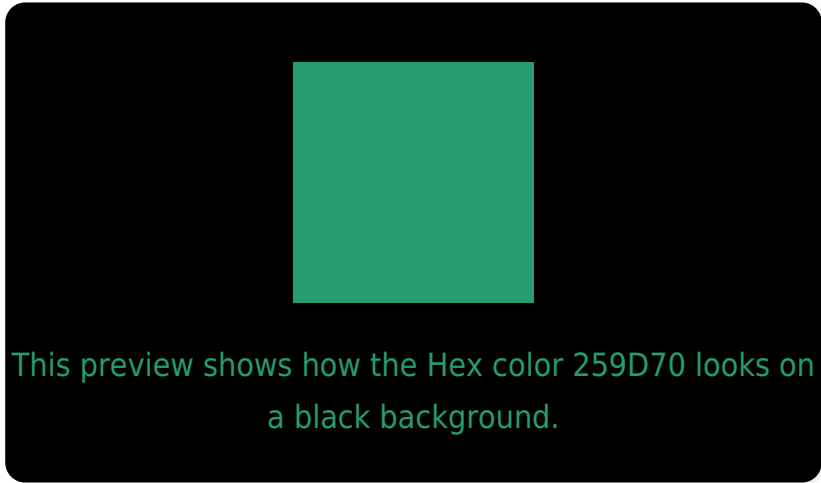
Large Text (above 18pt) WCAG AA ✓ Pass

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

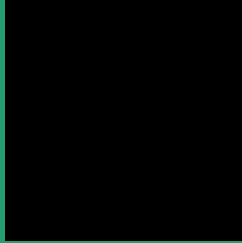
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 259D70 Background



This preview shows how black text looks on a background with the Hex color 259D70.



This preview shows how white text looks on a background with the Hex color 259D70.

# 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](#).

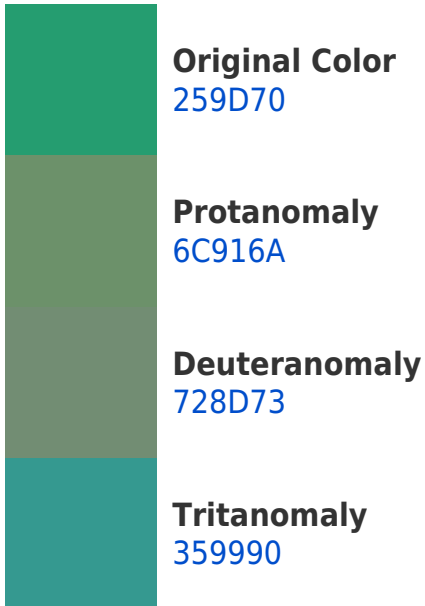
## Dichromacy



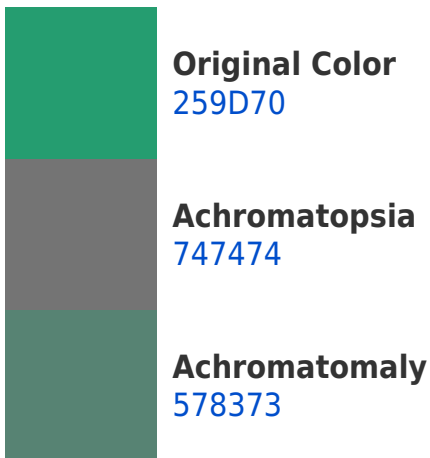


**Tritanopia**  
3E96A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 259D70 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 #259D70 looks like.

```
.text, #text, p{  
    color:#259D70  
}
```

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 #259D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259D70
}
```

## Border

The CSS property to change the border of an element to Hex 259D70 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
#259D70 }
```

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

```
.border{ border-color:#259D70 }
```

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

Here you see how a box with a 4 pixel #259D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259D70; -webkit-box-shadow:4px 4px  
4px 4px #259D70; box-shadow:4px 4px 4px  
4px #259D70 }
```

# Background

The CSS property to change the background color of an element to Hex 259D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259D70 }
```

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

```
.background{ background-color:#259D70 }
```

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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