

# Converting Colors

Hex(159377)

Have a look what the booklet for  
Hex(159377) contains.

<b>Hex(159377)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(159377)

# Conversions

## Conversions Part 1

Format	Color
Hex	159377
RGB	21, 147, 119
RGB Percent	8%, 58%, 47%
CMY	0.9176, 0.4235, 0.5333
CMYK	0.86, 0.00, 0.19, 0.42
HSL	167°, 75%, 33%
HSV	167°, 86%, 58%
XYZ	14.0728, 22.3588, 21.0267
YIQ	106.1340, -66.1080, -35.4200

# Conversions

## Conversions Part 2

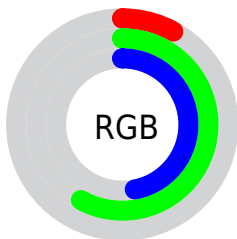
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 92, 147
Decimal	1414007
CIELab	54.41, -38.96, 5.79
CIElCh	54, 39.385, 171.551
Yxy	22.3588, 0.2449, 0.3891
Android (android.graphics.Color)	4279604087 (0xFF159377)
YUV	106.1340, 6.3429, -74.6625
Hunter-Lab	47.2851, -29.6246, 6.7345

# Details

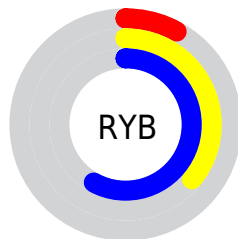
The Hex color **159377** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **931531**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5CCAAB**, and **005F47** is the 20% darker color. If you saturate the color by 10%, you get **069374**, and if you desaturate by 10%, it is **24937A**.

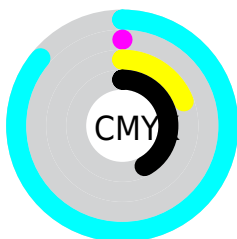
# Distribution



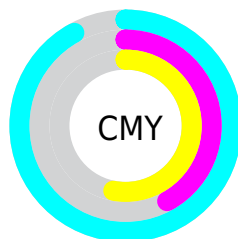
- Red (8%)
- Green (58%)
- Blue (47%)



- Red (8%)
- Yellow (36%)
- Blue (58%)



- Cyan (86%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (92%)
- Magenta (42%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 159377 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 159377 by changing the saturation by 10% instead.



 159377

 159377

FFFFFF

 00795E

 5CCAAB

 005F47

 79E6C6

 004730

 96FFE2

 002F1B

 B3FFFF

 001801

 D0FFFF

 000000

 EEEFFF

 159377

 159377

 069374

 24937A

009372

32937E

419381

509384

5E9387

6D938B

7C938E

8B9391

999394

# Harmonies

## Analogous

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



568F56



159377



00939A

# Triad

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



159377



767DC1



B7714E

# Complementary

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



159377



931531

# 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.



C3676B



159377



A370AD

# Square

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



159377



2D89C5



BD678D



9F7D3E

# Rectangle

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



159377



0092AE



BD678D



BD6D57



# Sweetspot

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



159377



8EBFB4



329315



43615A



E0E0E0



616161



# Same Dimension

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



159377



00BF95



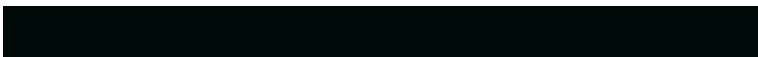
157193



434A48



008A6B



000A08



# Inverse Universe

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



931531



BF002B



933715



4A4344



8A001F

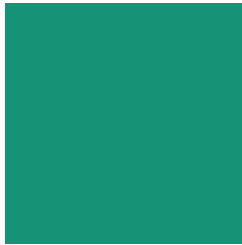


0A0002



# Previews

## White Background



This preview shows how the Hex color 159377 looks on a white background.

## Color Contrast Check

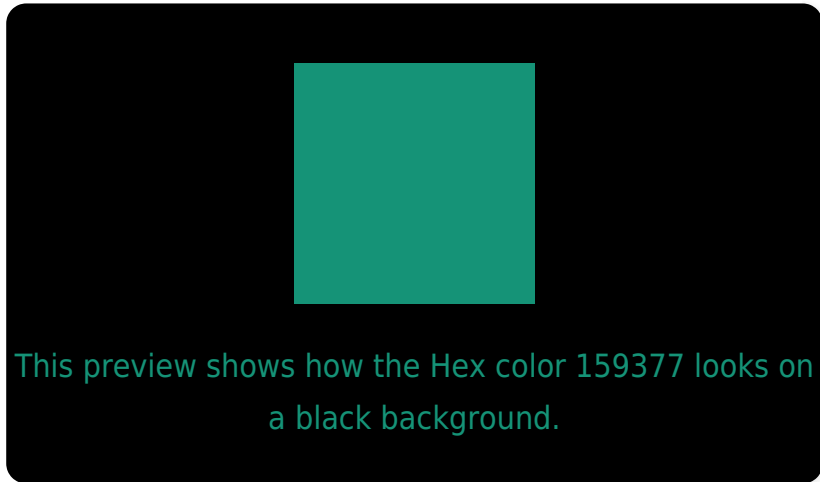
Large Text (above 18pt) WCAG AA ✓ Pass

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

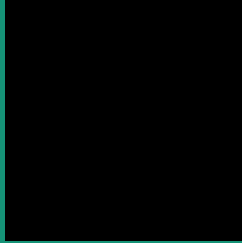
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 159377 Background



This preview shows how black text looks on a background with the Hex color 159377.

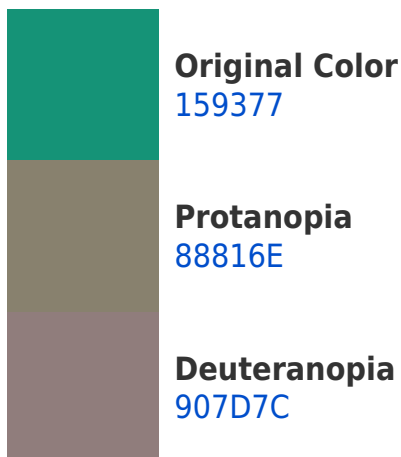


This preview shows how white text looks on a background with the Hex color 159377.

# 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**  
308E9A

# Trichromacy



**Original Color**  
159377



**Protanomaly**  
5E8871



**Deuteranomaly**  
63857A



**Tritanomaly**  
26908D

# Monochromacy



**Original Color**  
159377



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
4B796F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 159377 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 #159377 looks like.

```
.text, #text, p{  
    color:#159377  
}
```

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 #159377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159377  
}
```

## Border

The CSS property to change the border of an element to Hex 159377 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  
#159377 }
```

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

```
.border{ border-color:#159377 }
```

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

Here you see how a box with a 4 pixel #159377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159377; -webkit-box-shadow:4px 4px  
4px 4px #159377; box-shadow:4px 4px 4px  
4px #159377 }
```

# Background

The CSS property to change the background color of an element to Hex 159377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159377 }
```

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

```
.background{ background-color:#159377 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor