

Converting Colors

Hex(129377)

Have a look what the booklet for
Hex(129377) contains.

Hex(129377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(129377)

Conversions

Conversions Part 1

Format	Color
Hex	129377
RGB	18, 147, 119
RGB Percent	7%, 58%, 47%
CMY	0.9294, 0.4235, 0.5333
CMYK	0.88, 0.00, 0.19, 0.42
HSL	167°, 78%, 32%
HSV	167°, 88%, 58%
XYZ	14.0129, 22.3279, 21.0239
YIQ	105.2370, -67.8960, -36.0560

Conversions

Conversions Part 2

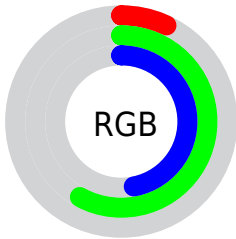
Format	Color
RYB	18, 90, 147
Decimal	1217399
CIELab	54.37, -39.19, 5.74
CIELCh	54, 39.611, 171.674
Yxy	22.3279, 0.2443, 0.3892
Android (android.graphics.Color)	4279407479 (0xFF129377)
YUV	105.2370, 6.7852, -76.5068
Hunter-Lab	47.2525, -29.7567, 6.6970

Details

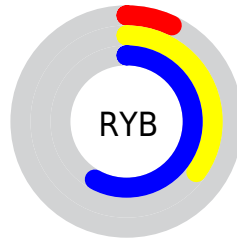
The Hex color **129377** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **93122E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5ACAAB**, and **005F47** is the 20% darker color. If you saturate the color by 10%, you get **039374**, and if you desaturate by 10%, it is **21937A**.

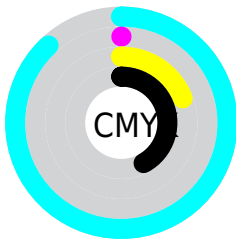
Distribution



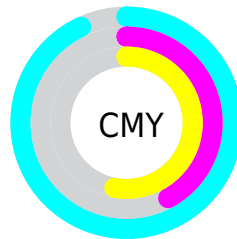
- Red (7%)
- Green (58%)
- Blue (47%)



- Red (7%)
- Yellow (35%)
- Blue (58%)



- Cyan (88%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (93%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129377 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 129377 by changing the saturation by 10% instead.

 129377

 129377

FFFFFF

 00795E

 5ACAAB

 005F47

 78E6C6

 004730

 95FFE2

 002F1B

 B2FFFF

 001801

 CFFFFF

 000000

 EDFFFF

 129377

 129377

 039374

 21937A

■ 009373

■ 2F937D

■ 3E9381

■ 4D9384

■ 5B9387

■ 6A938A

■ 79938D

■ 889391

■ 969394

Harmonies

Analogous

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



568F56



129377



00939A

Triad

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



129377



767DC2



B7704D

Complementary

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



129377



93122E

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



129377



A370AD

Square

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



129377



2C88C5



BD678D



9F7D3D

Rectangle

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



129377



0092AF



BD678D



BD6D56

Sweetspot

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



129377



8EBFB4



309312



43615A



E0E0E0



616161

Same Dimension

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



129377



00BF96



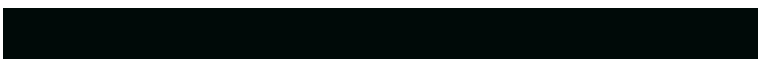
127193



434A48



008A6C



000A08

Inverse Universe

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



93122E



BF002A



933412



4A4344



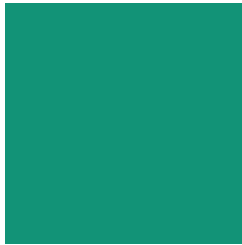
8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 129377 looks on a white background.

Color Contrast Check

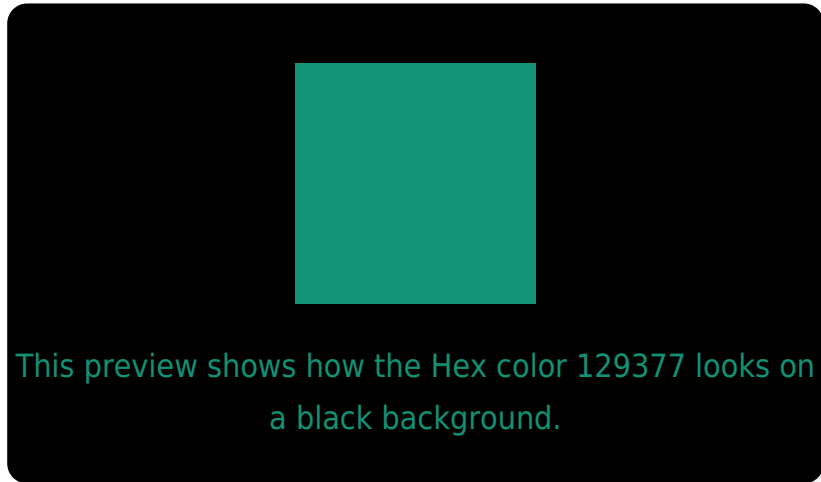
Large Text (above 18pt) WCAG AA ✓ Pass

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

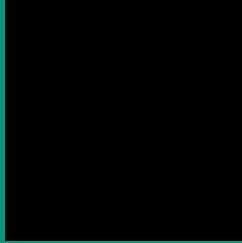
Any Text WCAG AA ✓ Pass

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 129377 Background



This preview shows how black text looks on a background with the Hex color 129377.

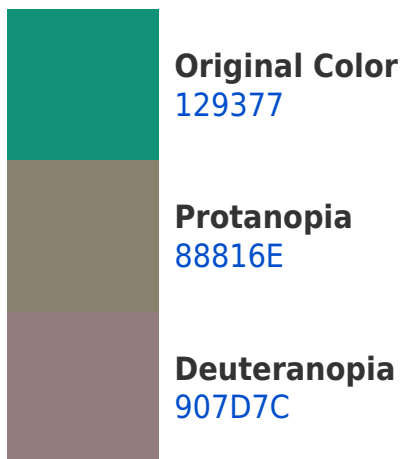


This preview shows how white text looks on a background with the Hex color 129377.

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
2E8E9A

Trichromacy



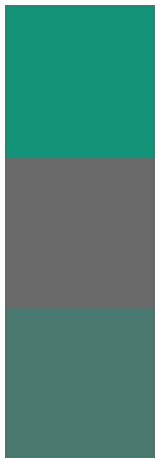
Original Color
129377

Protanomaly
5D8871

Deuteranomaly
62857A

Tritanomaly
24908D

Monochromacy



Original Color
129377

Achromatopsia
696969

Achromatomaly
49786E

CSS Examples

Text

The CSS property to change the color of the text to Hex 129377 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 #129377 looks like.

```
.text, #text, p{  
    color:#129377  
}
```

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 #129377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129377
}
```

Border

The CSS property to change the border of an element to Hex 129377 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
#129377 }
```

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

```
.border{ border-color:#129377 }
```

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

Here you see how a box with a 4 pixel #129377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129377; -webkit-box-shadow:4px 4px  
4px 4px #129377; box-shadow:4px 4px 4px  
4px #129377 }
```

Background

The CSS property to change the background color of an element to Hex 129377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129377 }
```

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

```
.background{ background-color:#129377 }
```

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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