

Converting Colors

Hex(129E74)

Have a look what the booklet for
Hex(129E74) contains.

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Color

Hex(129E74)

Conversions

Conversions Part 1

Format	Color
Hex	129E74
RGB	18, 158, 116
RGB Percent	7%, 62%, 45%
CMY	0.9294, 0.3804, 0.5451
CMYK	0.89, 0.00, 0.27, 0.38
HSL	162°, 80%, 35%
HSV	162°, 89%, 62%
XYZ	15.6287, 25.8433, 20.6875
YIQ	111.3520, -69.9580, -42.7420

Conversions

Conversions Part 2

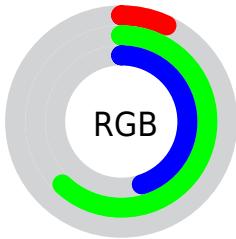
Format	Color
R_{YB}	18, 100, 158
Decimal	1220212
CIE _{Lab}	57.89, -44.56, 12.42
CIE _{LCh}	58, 46.255, 164.430
Yxy	25.8433, 0.2514, 0.4158
Android (android.graphics.Color)	4279410292 (0xFF129E74)
YUV	111.3520, 2.2915, -81.8697
Hunter-Lab	50.8363, -34.0869, 11.4577

Details

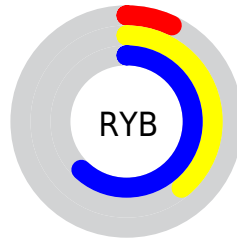
The Hex color **129E74** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E123C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5DD6A8**, and **006944** is the 20% darker color. If you saturate the color by 10%, you get **029E6F**, and if you desaturate by 10%, it is **229E79**.

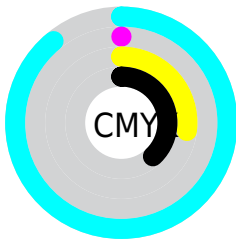
Distribution



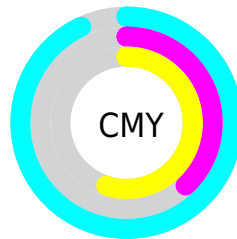
- Red (7%)
- Green (62%)
- Blue (45%)



- Red (7%)
- Yellow (39%)
- Blue (62%)



- Cyan (89%)
- Magenta (0%)
- Yellow (27%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129E74 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 129E74 by changing the saturation by 10% instead.

 129E74

 129E74

FFFFFF

 00835B

 5DD6A8

 006944

 7BF2C3

 00502D

 98FFDF

 003818

 B5FFFC

 002300

 D3FFFF

 000000

 F1FFFF

 129E74

 129E74

 029E6F

 229E79

■ 009E6F

■ 329E7D

■ 419E82

■ 519E87

■ 619E8C

■ 719E90

■ 819E95

■ 909E9A

■ A09E9F

Harmonies

Analogous

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



62994F



129E74



009F9E

Triad

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



129E74



6989D9



CE7254

Complementary

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



129E74



9E123C

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.



D76979



129E74



A779C5

Square

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



129E74



0095D9



CB6BA2



B4813B

Rectangle

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



129E74



009EB8



CB6BA2



D36E60

Sweetspot

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



129E74



97CFBE



3C9E12



47695F



E8E8E8



696969

Same Dimension

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



129E74



00CF91



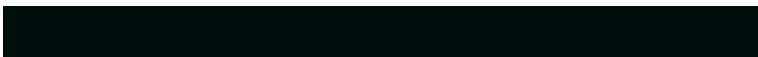
12849E



474F4D



008F64



000F0B

Inverse Universe

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



9E123C



CF003E



9E2E12



4F474A



8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 129E74 looks on a white background.

Color Contrast Check

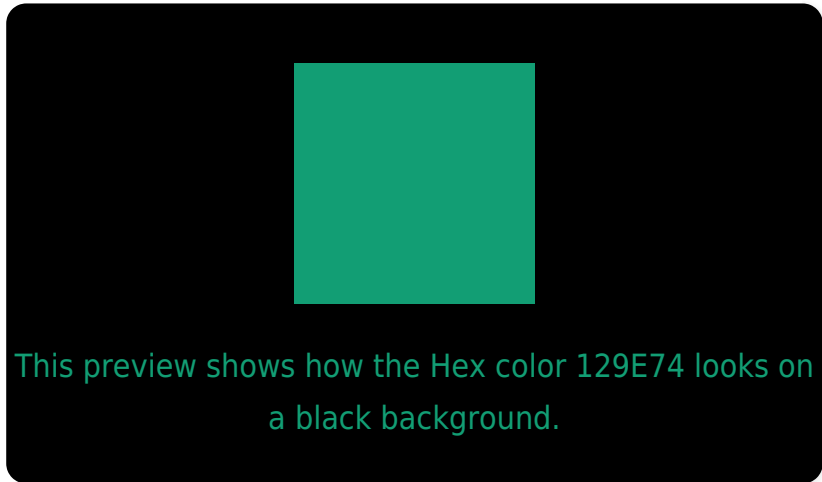
Large Text (above 18pt) WCAG AA ✓ Pass

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 129E74 Background



This preview shows how black text looks on a background with the Hex color 129E74.

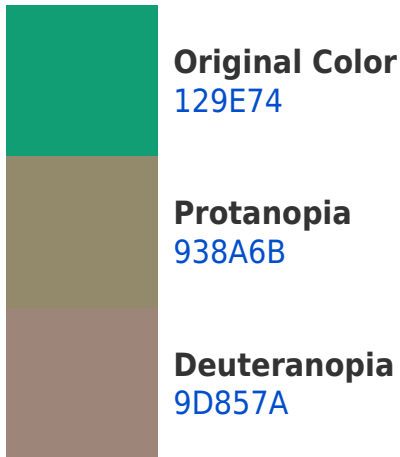


This preview shows how white text looks on a background with the Hex color 129E74.

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
3698A4

Trichromacy



Original Color

129E74



Protanomaly

64916E



Deuteranomaly

6A8E78



Tritanomaly

299A93

Monochromacy



Original Color

129E74



Achromatopsia

6F6F6F



Achromatomaly

4D8071

CSS Examples

Text

The CSS property to change the color of the text to Hex 129E74 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 #129E74 looks like.

```
.text, #text, p{  
    color:#129E74  
}
```

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 #129E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129E74
}
```

Border

The CSS property to change the border of an element to Hex 129E74 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
#129E74 }
```

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

```
.border{ border-color:#129E74 }
```

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

Here you see how a box with a 4 pixel #129E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129E74; -webkit-box-shadow:4px 4px  
4px 4px #129E74; box-shadow:4px 4px 4px  
4px #129E74 }
```

Background

The CSS property to change the background color of an element to Hex 129E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129E74 }
```

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

```
.background{ background-color:#129E74 }
```

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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