

Converting Colors

Hex(129850)

Have a look what the booklet for
Hex(129850) contains.

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Color

Hex(129850)

Conversions

Conversions Part 1

Format	Color
Hex	129850
RGB	18, 152, 80
RGB Percent	7%, 60%, 31%
CMY	0.9294, 0.4039, 0.6863
CMYK	0.88, 0.00, 0.47, 0.40
HSL	148°, 79%, 33%
HSV	148°, 88%, 60%
XYZ	12.9257, 23.1643, 11.3793
YIQ	103.7260, -56.7520, -50.8000

Conversions

Conversions Part 2

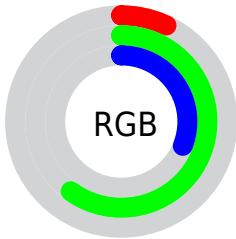
Format	Color
RYB	18, 110, 152
Decimal	1218640
CIELab	55.24, -49.95, 28.62
CIELCh	55, 57.570, 150.186
Yxy	23.1643, 0.2723, 0.4880
Android (android.graphics.Color)	4279408720 (0xFF129850)
YUV	103.7260, -11.6969, -75.1817
Hunter-Lab	48.1293, -36.2880, 19.6724

Details

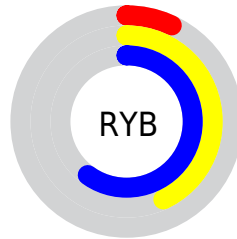
The Hex color **129850** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **98125A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5BCF82**, and **006421** is the 20% darker color. If you saturate the color by 10%, you get **039848**, and if you desaturate by 10%, it is **219858**.

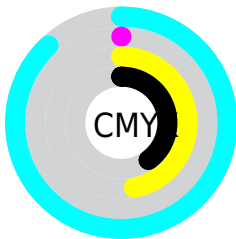
Distribution



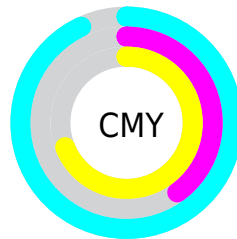
- Red (7%)
- Green (60%)
- Blue (31%)



- Red (7%)
- Yellow (43%)
- Blue (60%)



- Cyan (88%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129850 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 129850 by changing the saturation by 10% instead.

 129850

 129850

FFFFFF

 007D38

 5BCF82

 006421

 78EC9D

 004A09

 95FFB8

 003300

 B3FFD4

 001B00

 D0FFF0

 000000

 EEEFFF

 129850

 129850

 039848

 219858

■ 009846

■ 309860

■ 409869

■ 4F9871

■ 5E9879

■ 6D9881

■ 7C9889

■ 8C9891

■ 9B989A

Harmonies

Analogous

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



6B9024



129850



009C83

Triad

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



129850



008AE8



DB5B55

Complementary

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



129850



98125A

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.



DC5486



129850



8477DB

Square

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



129850



0096DA



C061B7



C46F2B

Rectangle

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



129850



009CA5



C061B7



DE5665

Sweetspot

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



129850



91C4A9



5C9812



456353



E3E3E3



636363

Same Dimension

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



129850



00C45B



129891



454D48



008C41



000D06

Inverse Universe

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



98125A



C4006A



981219



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 129850 looks on a white background.

Color Contrast Check

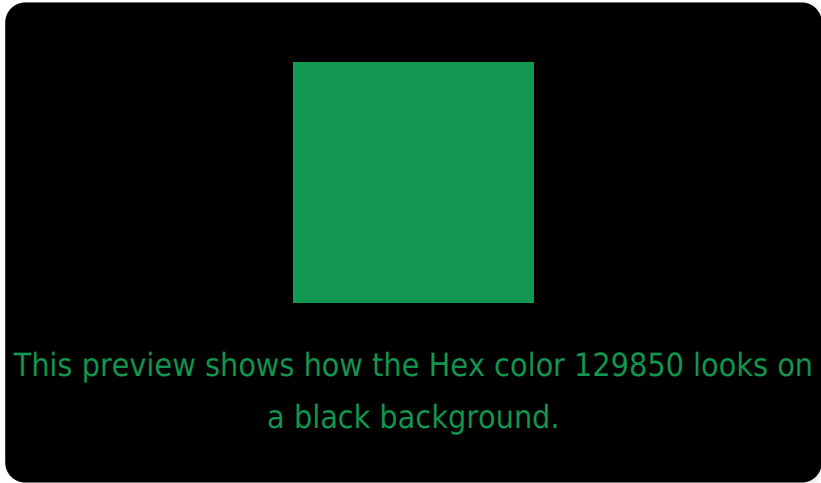
Large Text (above 18pt) WCAG AA ✓ Pass

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 129850 Background



This preview shows how black text looks on a background with the Hex color 129850.



This preview shows how white text looks on a background with the Hex color 129850.

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](#).

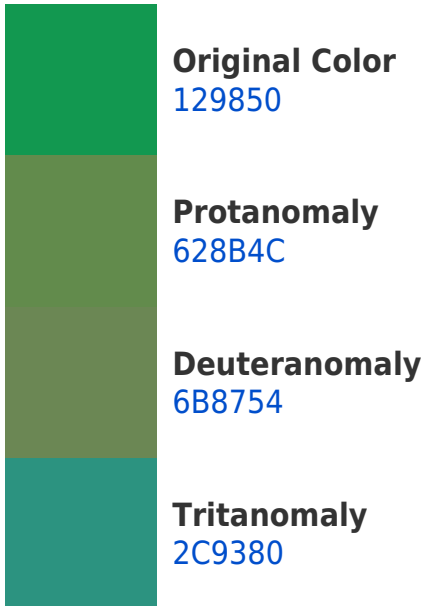
Dichromacy



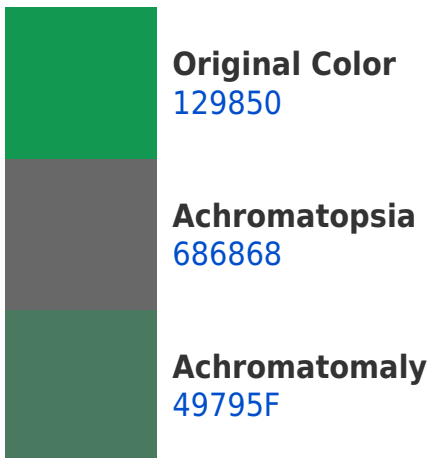


Tritanopia
3B909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 129850 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 #129850 looks like.

```
.text, #text, p{  
    color:#129850  
}
```

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 #129850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129850
}
```

Border

The CSS property to change the border of an element to Hex 129850 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
#129850 }
```

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

```
.border{ border-color:#129850 }
```

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

Here you see how a box with a 4 pixel #129850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129850; -webkit-box-shadow:4px 4px  
4px 4px #129850; box-shadow:4px 4px 4px  
4px #129850 }
```

Background

The CSS property to change the background color of an element to Hex 129850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129850 }
```

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

```
.background{ background-color:#129850 }
```

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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