

# Converting Colors

Hex(129756)

Have a look what the booklet for  
Hex(129756) contains.

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# Color

Hex(129756)

# Conversions

## Conversions Part 1

Format	Color
Hex	129756
RGB	18, 151, 86
RGB Percent	7%, 59%, 34%
CMY	0.9294, 0.4078, 0.6627
CMYK	0.88, 0.00, 0.43, 0.41
HSL	151°, 79%, 33%
HSV	151°, 88%, 59%
XYZ	12.9958, 22.9337, 12.5458
YIQ	103.8230, -58.4030, -48.4110

# Conversions

## Conversions Part 2

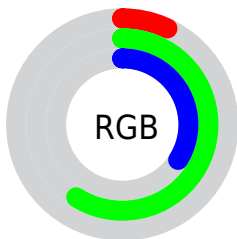
Format	Color
<b>RYB</b>	18, 106, 151
Decimal	1218390
CIELab	55.00, -48.46, 25.10
CIElCh	55, 54.578, 152.621
Yxy	22.9337, 0.2681, 0.4731
Android (android.graphics.Color)	4279408470 (0xFF129756)
YUV	103.8230, -8.7867, -75.2668
Hunter-Lab	47.8891, -35.3661, 17.9899

# Details

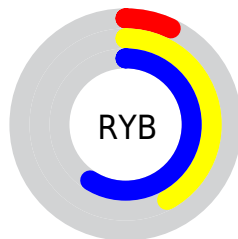
The Hex color **129756** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **971253**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5BCE88**, and **006327** is the 20% darker color. If you saturate the color by 10%, you get **03974F**, and if you desaturate by 10%, it is **21975D**.

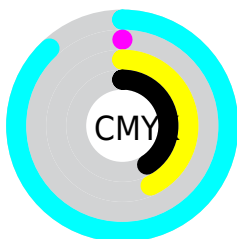
# Distribution



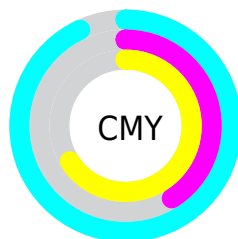
- Red (7%)
- Green (59%)
- Blue (34%)



- Red (7%)
- Yellow (42%)
- Blue (59%)



- Cyan (88%)
- Magenta (0%)
- Yellow (43%)
- Black (41%)



- Cyan (93%)
- Magenta (41%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 129756 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 129756 by changing the saturation by 10% instead.



 129756

 129756

FFFFFF

 007C3E

 5BCE88

 006327

 78EBA3

 004A11

 95FFBE

 003200

 B2FFDA

 001A00

 CFFFF7

 000000

 EDFFFF

 129756

 129756

 03974F

 21975D

00974D

309765

3F976C

4E9774

5E977B

6D9782

7C978A

8B9791

9A9798

# Harmonies

## Analogous

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



688F2D



129756



009A87

# Triad

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



129756



0088E2



D55F53

# Complementary

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



129756



971253

# 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.



D85781



129756



8A75D4

# Square

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



129756



0094D7



C061B0



BE712E

# Rectangle

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



129756



009AA7



C061B0



D95A62



# Sweetspot

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



129756



91C4AB



549712



456354



E3E3E3



636363



# Same Dimension

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



129756



00C464



129797



454D49



008C48



000D07



# Inverse Universe

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



971253



C40060



971212



4D4549



8C0045



0D0006



# Previews

## White Background



This preview shows how the Hex color 129756 looks on a white background.

## Color Contrast Check

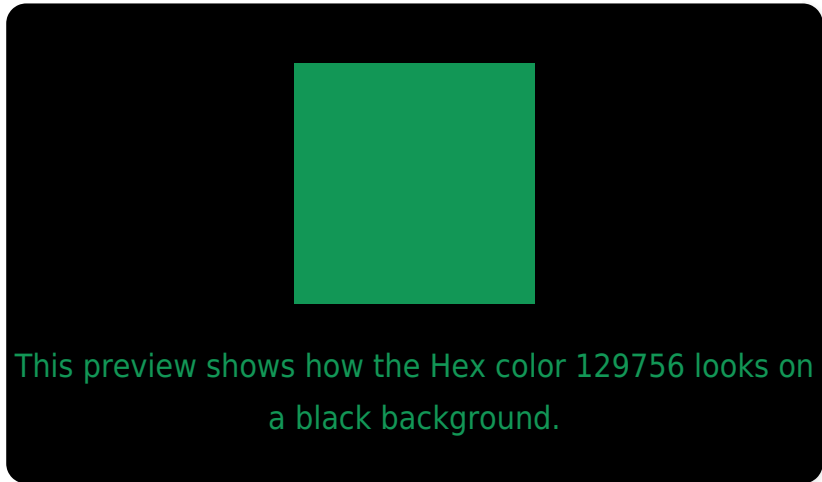
Large Text (above 18pt) WCAG AA ✓ Pass

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 129756 Background



This preview shows how black text looks on a background with the Hex color 129756.



This preview shows how white text looks on a background with the Hex color 129756.

# 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



**Original Color**  
129756

**Protanopia**  
8F834E

**Deuteranopia**  
9C7D5C



**Tritanopia**  
3A8F9B

# Trichromacy



**Original Color**  
129756



**Protanomaly**  
628A51



**Deuteranomaly**  
6A865A



**Tritanomaly**  
2B9282

# Monochromacy



**Original Color**  
129756



**Achromatopsia**  
686868



**Achromatomaly**  
497961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 129756 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 #129756 looks like.

```
.text, #text, p{  
    color:#129756  
}
```

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 #129756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129756
}
```

## Border

The CSS property to change the border of an element to Hex 129756 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
#129756 }
```

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

```
.border{ border-color:#129756 }
```

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

Here you see how a box with a 4 pixel #129756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129756; -webkit-box-shadow:4px 4px  
4px 4px #129756; box-shadow:4px 4px 4px  
4px #129756 }
```

# Background

The CSS property to change the background color of an element to Hex 129756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129756 }
```

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

```
.background{ background-color:#129756 }
```

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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