

Converting Colors

Hex(129C27)

Have a look what the booklet for
Hex(129C27) contains.

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Color

Hex(129C27)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 129C27 |
| RGB | 18, 156, 39 |
| RGB Percent | 7%, 61%, 15% |
| CMY | 0.9294, 0.3882, 0.8471 |
| CMYK | 0.88, 0.00, 0.75, 0.39 |
| HSL | 129°, 79%, 34% |
| HSV | 129°, 88%, 61% |
| XYZ | 12.5041, 24.0520, 5.9029 |
| YIQ | 101.4000, -44.6910, -65.6430 |

Conversions

Conversions Part 2

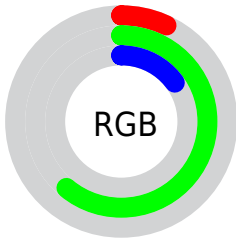
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 18, 138, 156 |
| Decimal | 1219623 |
| CIELab | 56.14, -56.65, 48.68 |
| CIELCh | 56, 74.695, 139.325 |
| Yxy | 24.0520, 0.2945, 0.5665 |
| Android (android.graphics.Color) | 4279409703 (0xFF129C27) |
| YUV | 101.4000, -30.7632, -73.1418 |
| Hunter-Lab | 49.0429, -40.3140, 27.1937 |

Details

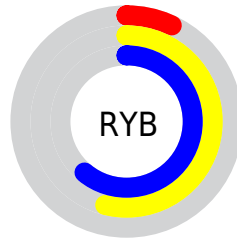
The Hex color **129C27** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9C1287**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5ED45C**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **029C1A**, and if you desaturate by 10%, it is **229C34**.

Distribution



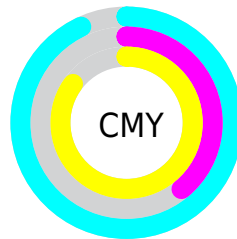
- Red (7%)
- Green (61%)
- Blue (15%)



- Red (7%)
- Yellow (54%)
- Blue (61%)



- Cyan (88%)
- Magenta (0%)
- Yellow (75%)
- Black (39%)



- Cyan (93%)
- Magenta (39%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129C27 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 129C27 by changing the saturation by 10% instead.

 129C27

 129C27

FFFFFF

 008104

 5ED45C

 006700

 7CF176

 004E00

 99FF91

 003600

 B7FFAD

 001E00

 D5FFC9

 000000

 F3FFE5

 129C27

 129C27

 029C1A

 229C34

■ 009C18

■ 319C41

■ 419C4F

■ 509C5C

■ 609C69

■ 709C76

■ 7F9C84

■ 8F9C91

■ 9E9C9E

Harmonies

Analogous

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



7B9000



129C27



00A26C

Triad

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



129C27



0095FF



F73E60

Complementary

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



129C27



9C1287

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.



ED3EA1



129C27



4580FF

Square

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



129C27



00A0E9



BC5FDC



E15D21

Rectangle

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



129C27



00A39A



BC5FDC



F83875

Sweetspot

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



129C27



95CC9D



879C12



45664A



E6E6E6



666666

Same Dimension

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



129C27



00CC1F



129C6C



474F48



008F16



000F02

Inverse Universe

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



9C1287



CC00AD



9C1242



4F474E



8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 129C27 looks on a white background.

Color Contrast Check

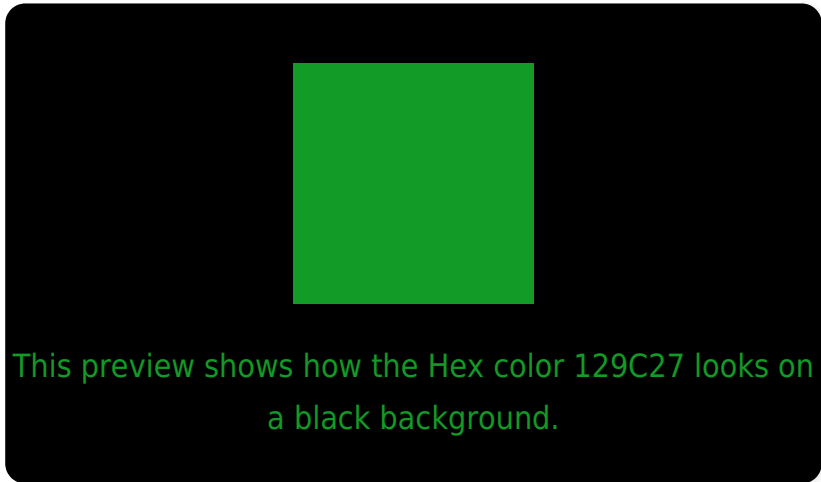
Large Text (above 18pt) WCAG AA ✓ Pass

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 129C27 Background



This preview shows how black text looks on a background with the Hex color 129C27.



This preview shows how white text looks on a background with the Hex color 129C27.

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
129C27

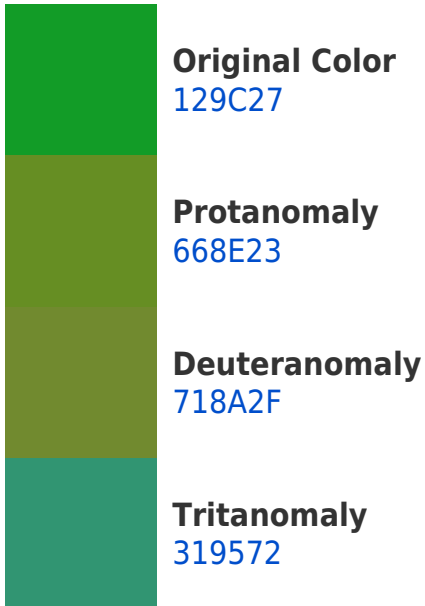
Protanopia
968621

Deuteranopia
A77F33



Tritanopia
42919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 129C27 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 #129C27 looks like.

```
.text, #text, p{  
    color:#129C27  
}
```

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 #129C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129C27
}
```

Border

The CSS property to change the border of an element to Hex 129C27 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
#129C27 }
```

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

```
.border{ border-color:#129C27 }
```

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

Here you see how a box with a 4 pixel #129C27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129C27; -webkit-box-shadow:4px 4px  
4px 4px #129C27; box-shadow:4px 4px 4px  
4px #129C27 }
```

Background

The CSS property to change the background color of an element to Hex 129C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129C27 }
```

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

```
.background{ background-color:#129C27 }
```

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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