

Converting Colors

Hex(129B05)

Have a look what the booklet for
Hex(129B05) contains.

Hex(129B05)	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(129B05)

Conversions

Conversions Part 1

Format	Color
Hex	129B05
RGB	18, 155, 5
RGB Percent	7%, 61%, 2%
CMY	0.9294, 0.3922, 0.9804
CMYK	0.88, 0.00, 0.97, 0.39
HSL	115°, 94%, 31%
HSV	115°, 97%, 61%
XYZ	11.9982, 23.5822, 4.0630
YIQ	96.9370, -33.5020, -75.6940

Conversions

Conversions Part 2

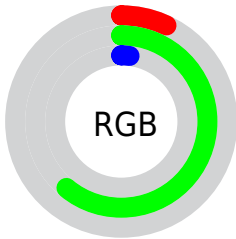
Format	Color
R _Y B	5, 155, 142
Decimal	1219333
CIE Lab	55.67, -58.09, 56.73
CIE LCh	56, 81.196, 135.678
Yxy	23.5822, 0.3027, 0.5949
Android (android.graphics.Color)	4279409413 (0xFF129B05)
YUV	96.9370, -45.3249, -69.2277
Hunter-Lab	48.5616, -40.8804, 29.0324

Details

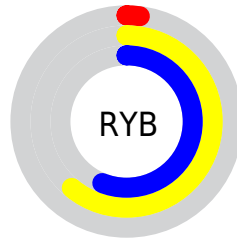
The Hex color **129B05** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8E059B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5FD348**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **0D9B00**, and if you desaturate by 10%, it is **209B15**.

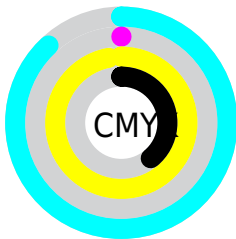
Distribution



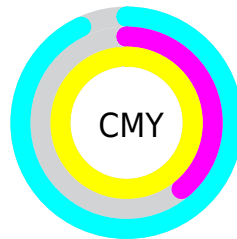
- Red (7%)
- Green (61%)
- Blue (2%)



- Red (2%)
- Yellow (61%)
- Blue (56%)



- Cyan (88%)
- Magenta (0%)
- Yellow (97%)
- Black (39%)



- Cyan (93%)
- Magenta (39%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 129B05 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 129B05 by changing the saturation by 10% instead.

 129B05

 129B05

FFFFFF

 008000

 5FD348

 006600

 7DF063

 004D00

 9BFF7E

 003500

 B8FF9A

 001C00

 D6FFB6

 000000

 F5FFD3

 FFFFF0

 129B05

 129B05

■ 0D9B00

■ 209B15

■ 2E9B24

■ 3C9B34

■ 4B9B43

■ 599B53

■ 679B62

■ 759B72

■ 839B81

■ 919B91

Harmonies

Analogous

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



7F8E00



129B05



00A160

Triad

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



129B05



0097FF



FE2864

Complementary

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



129B05



8E059B

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.



F031AA



129B05



0082FF

Square

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



129B05



00A1EA



B45EE9



EA521E

Rectangle

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



129B05



00A391



B45EE9



FE217B

Sweetspot

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



129B05



94C98F



9B8C05



456642



E6E6E6



666666

Same Dimension

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



129B05



11C900



059B41



464D45



0C8C00



010D00

Inverse Universe

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



8E059B



B800C9



9B055F



4C454D



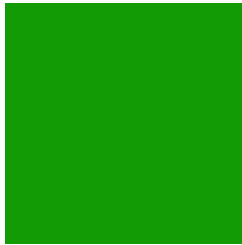
80008C



0C000D

Previews

White Background



This preview shows how the Hex color 129B05 looks on a white background.

Color Contrast Check

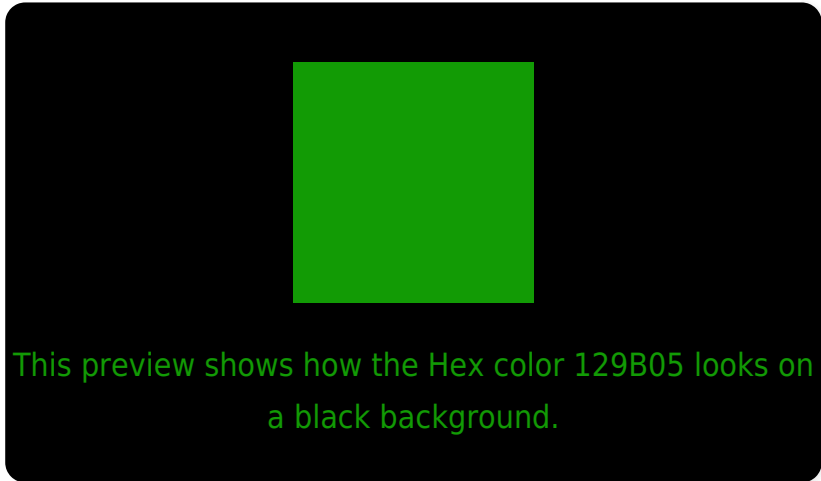
Large Text (above 18pt) WCAG AA ✓ Pass

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 129B05 Background



This preview shows how black text looks on a background with the Hex color 129B05.



This preview shows how white text looks on a background with the Hex color 129B05.

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
129B05

Protanopia
968500

Deuteranopia
A77E22



Tritanopia
43909C

Trichromacy



Original Color
129B05



Protanomaly
668D02



Deuteranomaly
718917



Tritanomaly
319465

Monochromacy



Original Color
129B05



Achromatopsia
616161



Achromatomaly
447640

CSS Examples

Text

The CSS property to change the color of the text to Hex 129B05 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 #129B05 looks like.

```
.text, #text, p{  
    color:#129B05  
}
```

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 #129B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129B05
}
```

Border

The CSS property to change the border of an element to Hex 129B05 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
#129B05 }
```

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

```
.border{ border-color:#129B05 }
```

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

Here you see how a box with a 4 pixel #129B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129B05; -webkit-box-shadow:4px 4px  
4px 4px #129B05; box-shadow:4px 4px 4px  
4px #129B05 }
```

Background

The CSS property to change the background color of an element to Hex 129B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129B05 }
```

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

```
.background{ background-color:#129B05 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor