

Converting Colors

Hex(099015)

Have a look what the booklet for
Hex(099015) contains.

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Color

Hex(099015)

Conversions

Conversions Part 1

Format	Color
Hex	099015
RGB	9, 144, 21
RGB Percent	4%, 56%, 8%
CMY	0.9647, 0.4353, 0.9176
CMYK	0.94, 0.00, 0.85, 0.44
HSL	125°, 88%, 30%
HSV	125°, 94%, 56%
XYZ	10.2213, 20.0587, 4.0425
YIQ	89.6130, -40.9770, -66.8730

Conversions

Conversions Part 2

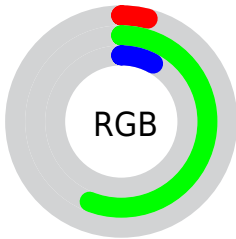
Format	Color
RYB	9, 133, 144
Decimal	626709
CIELab	51.90, -54.92, 50.35
CIELCh	52, 74.508, 137.481
Yxy	20.0587, 0.2978, 0.5844
Android (android.graphics.Color)	4278816789 (0xFF099015)
YUV	89.6130, -33.8262, -70.6976
Hunter-Lab	44.7870, -37.6400, 25.9994

Details

The Hex color **099015** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **900984**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **58C74D**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **00900D**, and if you desaturate by 10%, it is **179022**.

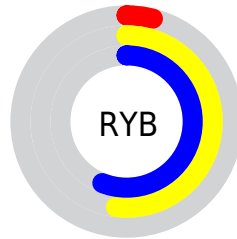
Distribution



 Red (4%)

 Green (56%)

 Blue (8%)




 Red (4%)

 Yellow (52%)

 Blue (56%)

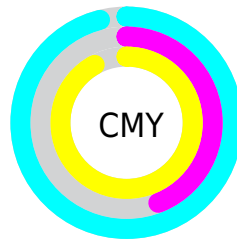



 Cyan (94%)

 Magenta (0%)

 Yellow (85%)

 Black (44%)



 Cyan (96%)

 Magenta (44%)


 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 099015 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 099015 by changing the saturation by 10% instead.

 099015

 099015

FFFFFF

 007600

 58C74D

 005C00

 76E468

 004300

 93FF82

 002D00

 B1FF9E

 000D00

 CEFFB9

 000000

 ECFFD6

 FFFFF3

 099015

 099015

■ 00900D

■ 179022

■ 26902F

■ 34903C

■ 439049

■ 519057

■ 5F9064

■ 6E9071

■ 7C907E

■ 8B908B

Harmonies

Analogous

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



738400



099015



00965E

Triad

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



099015



008BFA



EA2D5A

Complementary

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



099015



900984

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.



DE3099



099015



1A77F7

Square

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



099015



0095D9



AB56D3



D6501B

Rectangle

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



099015



00978B



AB56D3



EA276F

Sweetspot

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



099015



86BA8B



859009



3E5E41



DEDEDE



5E5E5E

Same Dimension

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



099015



00BA11



099058



404741



00870C



000801

Inverse Universe

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



900984



BA00AA



900941



474047



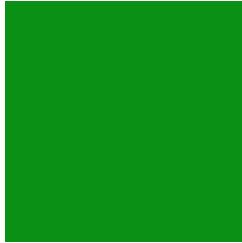
87007B



080007

Previews

White Background



This preview shows how the Hex color 099015 looks on a white background.

Color Contrast Check

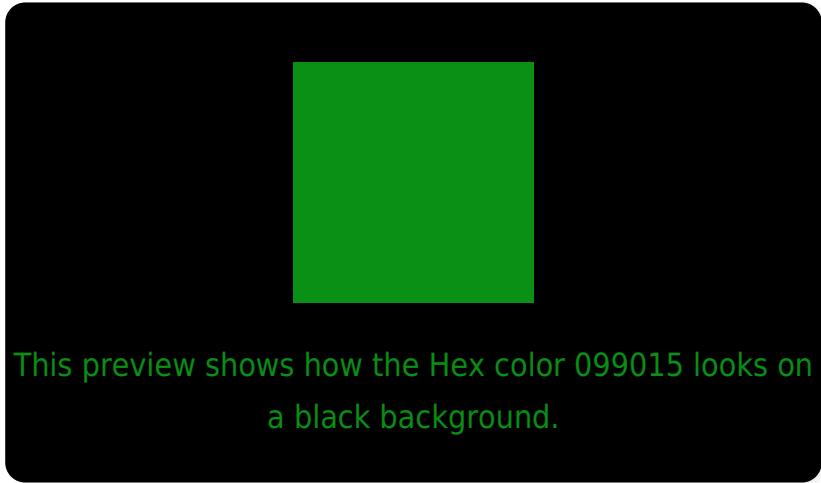
Large Text (above 18pt) WCAG AA ✓ Pass

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 099015 Background



This preview shows how black text looks on a background with the Hex color 099015.



This preview shows how white text looks on a background with the Hex color 099015.

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
099015

Protanopia
8B7B0F

Deuteranopia
9A7525



Tritanopia
3D8691

Trichromacy



Original Color
099015



Protanomaly
5C8311



Deuteranomaly
657F1F



Tritanomaly
2A8A64

Monochromacy



Original Color
099015



Achromatopsia
5A5A5A



Achromatomaly
3D6E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 099015 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 #099015 looks like.

```
.text, #text, p{  
    color:#099015  
}
```

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 #099015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099015
}
```

Border

The CSS property to change the border of an element to Hex 099015 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".

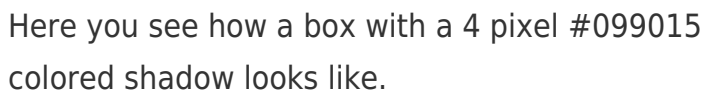
```
.border, #border, table{ border:4px solid
#099015 }
```

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

```
.border{ border-color:#099015 }
```

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

Here you see how a box with a 4 pixel #099015 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099015; -webkit-box-shadow:4px 4px  
4px 4px #099015; box-shadow:4px 4px 4px  
4px #099015 }
```

Background

The CSS property to change the background color of an element to Hex 099015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099015 }
```

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

```
.background{ background-color:#099015 }
```

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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