

Converting Colors

Hex(099736)

Have a look what the booklet for
Hex(099736) contains.

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Color

Hex(099736)

Conversions

Conversions Part 1

Format	Color
Hex	099736
RGB	9, 151, 54
RGB Percent	4%, 59%, 21%
CMY	0.9647, 0.4078, 0.7882
CMYK	0.94, 0.00, 0.64, 0.41
HSL	139°, 89%, 31%
HSV	139°, 94%, 59%
XYZ	11.8451, 22.4576, 7.2005
YIQ	97.4840, -53.4950, -60.2710

Conversions

Conversions Part 2

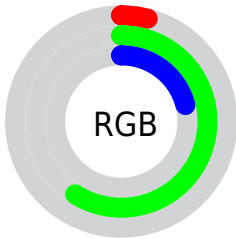
Format	Color
R_{YB}	9, 117, 151
Decimal	628534
CIE _{Lab}	54.51, -54.17, 40.69
CIE _{LCh}	55, 67.750, 143.088
Yxy	22.4576, 0.2854, 0.5411
Android (android.graphics.Color)	4278818614 (0xFF099736)
YUV	97.4840, -21.4376, -77.6005
Hunter-Lab	47.3895, -38.3151, 24.1640

Details

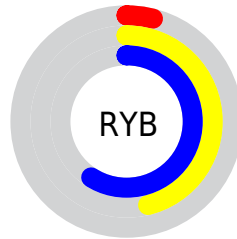
The Hex color **099736** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **97096A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59CE69**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **009730**, and if you desaturate by 10%, it is **189740**.

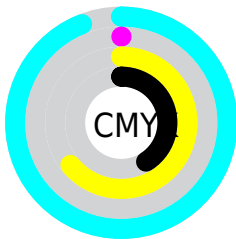
Distribution



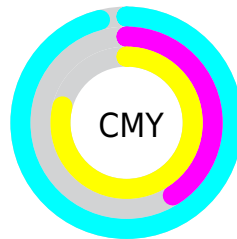
- Red (4%)
- Green (59%)
- Blue (21%)



- Red (4%)
- Yellow (46%)
- Blue (59%)



- Cyan (94%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 099736 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 099736 by changing the saturation by 10% instead.

 099736

 099736

FFFFFF

 007C1C

 59CE69

 006200

 77EB83

 004900

 94FF9D

 003200

 B1FFB9

 001800

 CFFFD5

 000000

 EDFFF2

 099736

 099736

 009730

 189740

 27974B

 369755

 45975F

 55976A

 649774

 73977E

 829789

 919793

Harmonies

Analogous

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



718D00



099736



009C72

Triad

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



099736



008EF7



E84858

Complementary

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



099736



97096A

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.



E34393



099736



6279EF

Square

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



099736



0099E0



BB5CCA



D26221

Rectangle

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



099736



009D9B



BB5CCA



EA426B

Sweetspot

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



099736



8DC49F



6A9709



42634C



E3E3E3



636363

Same Dimension

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



099736



00C43E



09977D



454D47



008C2C



000D04

Inverse Universe

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



97096A



C40086



970923



4D454A



8C0060



0D0009

Previews

White Background



This preview shows how the Hex color 099736 looks on a white background.

Color Contrast Check

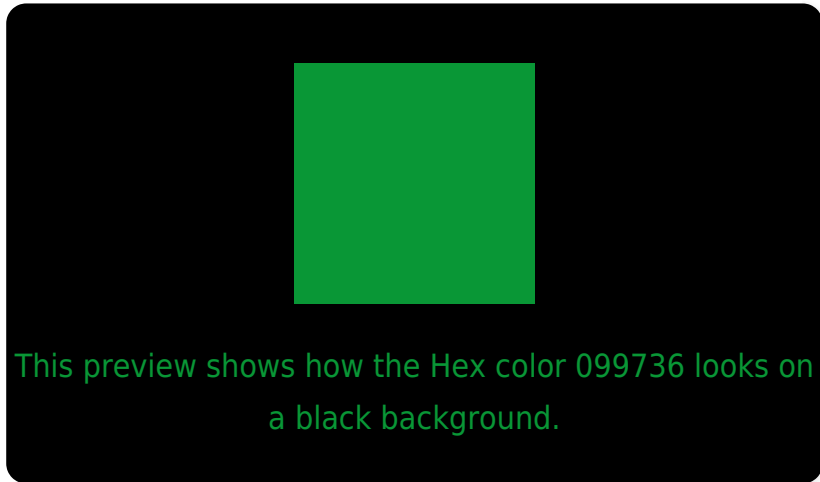
Large Text (above 18pt) WCAG AA ✓ Pass

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 099736 Background



This preview shows how black text looks on a background with the Hex color 099736.



This preview shows how white text looks on a background with the Hex color 099736.

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
099736

Protanopia
918230

Deuteranopia
A07B3F



Tritanopia
3D8D99

Trichromacy



Original Color
099736



Protanomaly
608A32



Deuteranomaly
69853C



Tritanomaly
2A9175

Monochromacy



Original Color
099736



Achromatopsia
616161



Achromatomaly
417551

CSS Examples

Text

The CSS property to change the color of the text to Hex 099736 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 #099736 looks like.

```
.text, #text, p{  
    color:#099736  
}
```

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 #099736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099736
}
```

Border

The CSS property to change the border of an element to Hex 099736 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
#099736 }
```

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

```
.border{ border-color:#099736 }
```

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

Here you see how a box with a 4 pixel #099736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099736; -webkit-box-shadow:4px 4px  
4px 4px #099736; box-shadow:4px 4px 4px  
4px #099736 }
```

Background

The CSS property to change the background color of an element to Hex 099736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099736 }
```

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

```
.background{ background-color:#099736 }
```

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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