

Converting Colors

Hex(099649)

Have a look what the booklet for
Hex(099649) contains.

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Color

Hex(099649)

Conversions

Conversions Part 1

Format	Color
Hex	099649
RGB	9, 150, 73
RGB Percent	4%, 59%, 29%
CMY	0.9647, 0.4118, 0.7137
CMYK	0.94, 0.00, 0.51, 0.41
HSL	147°, 89%, 31%
HSV	147°, 94%, 59%
XYZ	12.2216, 22.3518, 9.9735
YIQ	99.0630, -59.3190, -53.8390

Conversions

Conversions Part 2

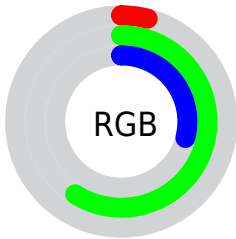
Format	Color
RYB	9, 106, 150
Decimal	628297
CIELab	54.40, -51.07, 31.22
CIELCh	54, 59.860, 148.563
Yxy	22.3518, 0.2744, 0.5018
Android (android.graphics.Color)	4278818377 (0xFF099649)
YUV	99.0630, -12.8491, -78.9853
Hunter-Lab	47.2777, -36.5925, 20.5868

Details

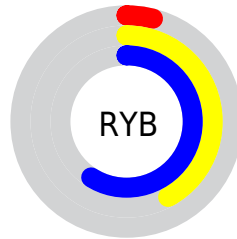
The Hex color **099649** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **960956**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **58CD7B**, and **00621A** is the 20% darker color. If you saturate the color by 10%, you get **009644**, and if you desaturate by 10%, it is **189651**.

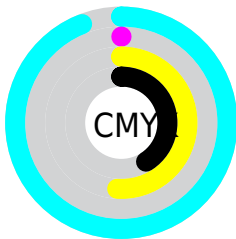
Distribution



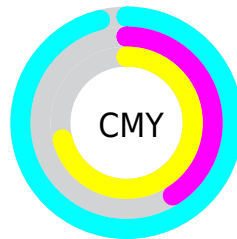
- Red (4%)
- Green (59%)
- Blue (29%)



- Red (4%)
- Yellow (42%)
- Blue (59%)



- Cyan (94%)
- Magenta (0%)
- Yellow (51%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 099649 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 099649 by changing the saturation by 10% instead.

 099649

 099649

FFFFFF

 007B31

 58CD7B

 00621A

 76EA95

 004901

 93FFB0

 003100

 B0FFCC

 001800

 CDFFE8

 000000

 EBFFFF

 099649

 099649

 009644

 189651

 279659

 369662

 45966A

 549672

 63967A

 729682

 81968B

 909693

Harmonies

Analogous

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



6B8D1A



099649



009A7E

Triad

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



099649



0089EA



DC5554

Complementary

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



099649



960956

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.



DB4E87



099649



7C75DE

Square

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



099649



0095DA



BE5EB9



C56A27

Rectangle

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



099649



009AA2



BE5EB9



DF5064

Sweetspot

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



099649



8CC2A4



579609



40614F



E0E0E0



616161

Same Dimension

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



099649



00C258



09968F



434A46



008A3F



000A05

Inverse Universe

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



960956



C2006A



960910



4A4347



8A004B



0A0006

Previews

White Background



This preview shows how the Hex color 099649 looks on a white background.

Color Contrast Check

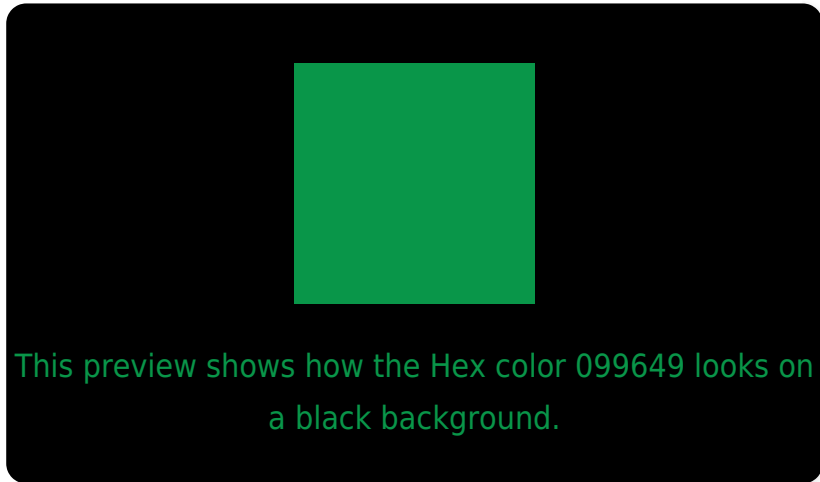
Large Text (above 18pt) WCAG AA ✓ Pass

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 099649 Background



This preview shows how black text looks on a background with the Hex color 099649.



This preview shows how white text looks on a background with the Hex color 099649.

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
099649

Protanopia
8F8142

Deuteranopia
9C7B50



Tritanopia
3A8D99

Trichromacy



Original Color

099649



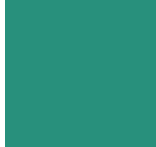
Protanomaly

5E8945



Deuteranomaly

67854D



Tritanomaly

28907C

Monochromacy



Original Color

099649



Achromatopsia

636363



Achromatomaly

42765A

CSS Examples

Text

The CSS property to change the color of the text to Hex 099649 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 #099649 looks like.

```
.text, #text, p{  
    color:#099649  
}
```

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 #099649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099649
}
```

Border

The CSS property to change the border of an element to Hex 099649 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
#099649 }
```

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

```
.border{ border-color:#099649 }
```

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

Here you see how a box with a 4 pixel #099649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099649; -webkit-box-shadow:4px 4px  
4px 4px #099649; box-shadow:4px 4px 4px  
4px #099649 }
```

Background

The CSS property to change the background color of an element to Hex 099649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099649 }
```

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

```
.background{ background-color:#099649 }
```

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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