

Converting Colors

Hex(049549)

Have a look what the booklet for
Hex(049549) contains.

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Color

Hex(049549)

Conversions

Conversions Part 1

Format	Color
Hex	049549
RGB	4, 149, 73
RGB Percent	2%, 58%, 29%
CMY	0.9843, 0.4157, 0.7137
CMYK	0.97, 0.00, 0.51, 0.42
HSL	149°, 95%, 30%
HSV	149°, 97%, 58%
XYZ	12.0001, 22.0017, 9.9176
YIQ	96.9810, -62.0240, -54.3760

Conversions

Conversions Part 2

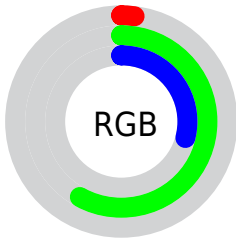
Format	Color
RYB	4, 102, 149
Decimal	300361
CIELab	54.03, -51.01, 30.75
CIELCh	54, 59.567, 148.918
Yxy	22.0017, 0.2732, 0.5010
Android (android.graphics.Color)	4278490441 (0xFF049549)
YUV	96.9810, -11.8226, -81.5443
Hunter-Lab	46.9060, -36.4193, 20.2982

Details

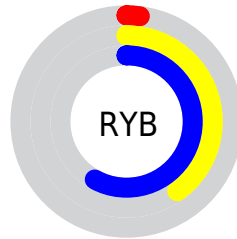
The Hex color **049549** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **950450**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56CC7B**, and **00611A** is the 20% darker color. If you saturate the color by 10%, you get **009547**, and if you desaturate by 10%, it is **139551**.

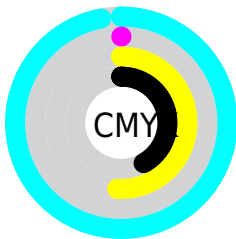
Distribution



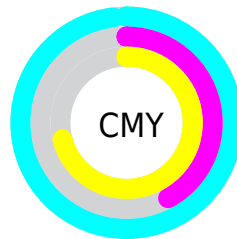
- Red (2%)
- Green (58%)
- Blue (29%)



- Red (2%)
- Yellow (40%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (51%)
- Black (42%)




- Cyan (98%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049549 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 049549 by changing the saturation by 10% instead.

 049549

 049549

FFFFFF

 007A31

 56CC7B

 00611A

 74E995

 004801

 91FFB0

 003100

 AEFFCC

 001700

 CCFFE8

 000000

 E9FFFF

 049549

 049549

 009547

 139551

 229559

 319560

 409568

 4F9570

 5D9578

 6C9580

 7B9587

 8A958F

Harmonies

Analogous

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



698D1A



049549



00997E

Triad

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



049549



0088E8



DA5553

Complementary

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



049549



950450

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.



DA4D85



049549



7C74DC

Square

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



049549



0094D9



BD5DB7



C36A26

Rectangle

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



049549



0099A1



BD5DB7



DD5063

Sweetspot

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



049549



8AC2A4



519504



3F614F



E0E0E0



616161

Same Dimension

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



049549



00C25C



049590



434A46



008A42



000A05

Inverse Universe

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



950450



C20066



950409



4A4346



8A0048



0A0005

Previews

White Background



This preview shows how the Hex color 049549 looks on a white background.

Color Contrast Check

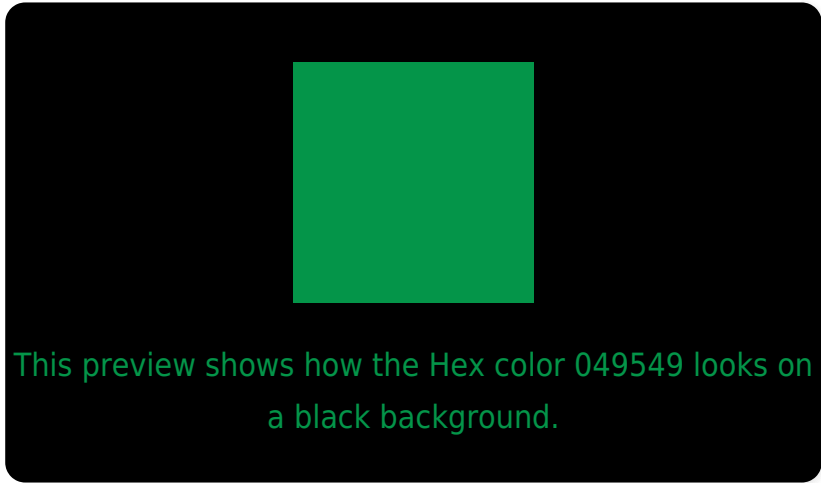
Large Text (above 18pt) WCAG AA ✓ Pass

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 049549 Background



This preview shows how black text looks on a background with the Hex color 049549.



This preview shows how white text looks on a background with the Hex color 049549.

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
049549

Protanopia
8E8142

Deuteranopia
9B7B50



Tritanopia
398C98

Trichromacy



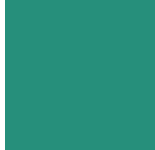
Original Color
049549



Protanomaly
5C8845



Deuteranomaly
64844D



Tritanomaly
268F7B

Monochromacy



Original Color
049549



Achromatopsia
616161



Achromatomaly
3F7458

CSS Examples

Text

The CSS property to change the color of the text to Hex 049549 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 #049549 looks like.

```
.text, #text, p{  
    color:#049549  
}
```

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 #049549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049549
}
```

Border

The CSS property to change the border of an element to Hex 049549 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
#049549 }
```

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

```
.border{ border-color:#049549 }
```

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

Here you see how a box with a 4 pixel #049549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049549; -webkit-box-shadow:4px 4px  
4px 4px #049549; box-shadow:4px 4px 4px  
4px #049549 }
```

Background

The CSS property to change the background color of an element to Hex 049549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049549 }
```

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

```
.background{ background-color:#049549 }
```

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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