

Converting Colors

Hex(049454)

Have a look what the booklet for
Hex(049454) contains.

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Color

Hex(049454)

Conversions

Conversions Part 1

Format	Color
Hex	049454
RGB	4, 148, 84
RGB Percent	2%, 58%, 33%
CMY	0.9843, 0.4196, 0.6706
CMYK	0.97, 0.00, 0.43, 0.42
HSL	153°, 95%, 30%
HSV	153°, 97%, 58%
XYZ	12.2402, 21.8457, 11.9590
YIQ	97.6480, -65.2800, -50.4320

Conversions

Conversions Part 2

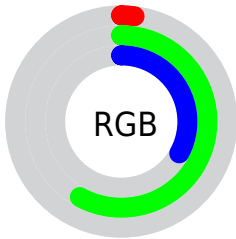
Format	Color
RYB	4, 97, 148
Decimal	300116
CIELab	53.86, -48.64, 24.67
CIELCh	54, 54.538, 153.102
Yxy	21.8457, 0.2658, 0.4744
Android (android.graphics.Color)	4278490196 (0xFF049454)
YUV	97.6480, -6.7285, -82.1293
Hunter-Lab	46.7394, -35.0480, 17.5473

Details

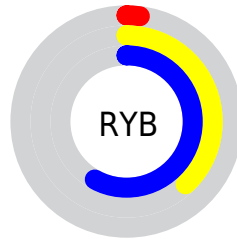
The Hex color **049454** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **940444**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **56CB86**, and **006025** is the 20% darker color. If you saturate the color by 10%, you get **009452**, and if you desaturate by 10%, it is **13945B**.

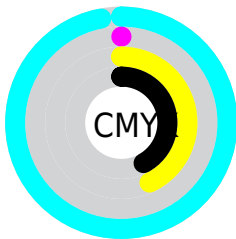
Distribution



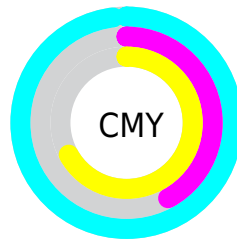
- Red (2%)
- Green (58%)
- Blue (33%)



- Red (2%)
- Yellow (38%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)




- Cyan (98%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049454 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 049454 by changing the saturation by 10% instead.

 049454

 049454

FFFFFF

 00793C

 56CB86

 006025

 73E8A1

 00470F

 90FFBC

 003000

 AEFFD8

 001600

 CBFFF4

 000000

 E9FFFF

 049454

 049454

 009452

 13945B

 229461

 309468

 3F946E

 4E9475

 5D947B

 6C9482

 7A9489

 89948F

Harmonies

Analogous

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



648D2B



049454



009784

Triad

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



049454



0085DF



D25C50

Complementary

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



049454



940444

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.



D5547E



049454



8872D0

Square

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



049454



0091D4



BD5EAC



BA6E2A

Rectangle

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



049454



0097A4



BD5EAC



D5575F

Sweetspot

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



049454



88BFA7



459404



3F6152



E0E0E0



616161

Same Dimension

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



049454



00BF6A



048D94



434A47



008A4C



000A06

Inverse Universe

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



940444



BF0055



940B04



4A4346



8A003D



0A0005

Previews

White Background



This preview shows how the Hex color 049454 looks on a white background.

Color Contrast Check

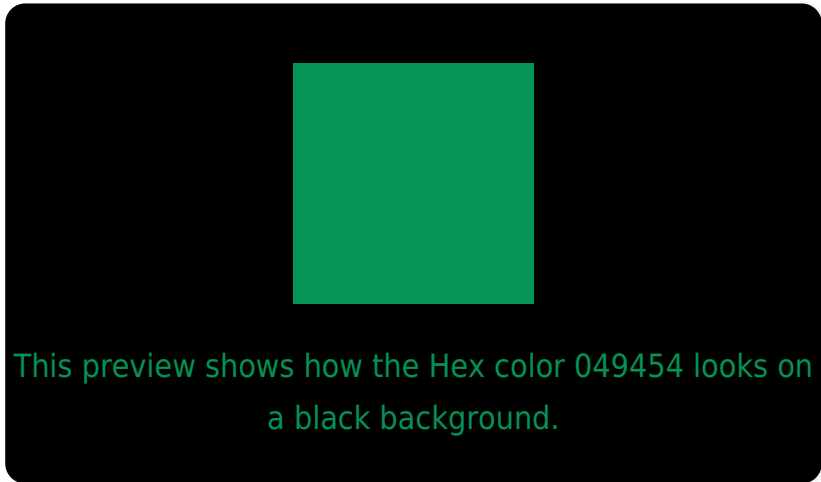
Large Text (above 18pt) WCAG AA ✓ Pass

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 049454 Background



This preview shows how black text looks on a background with the Hex color 049454.



This preview shows how white text looks on a background with the Hex color 049454.

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](#).

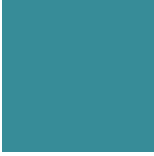
Dichromacy



Original Color
049454

Protanopia
8C804C

Deuteranopia
987B5A



Tritanopia
378C98

Trichromacy



Original Color
049454



Protanomaly
5B874F



Deuteranomaly
628458



Tritanomaly
248F7F

Monochromacy



Original Color
049454



Achromatopsia
626262



Achromatomaly
40745D

CSS Examples

Text

The CSS property to change the color of the text to Hex 049454 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 #049454 looks like.

```
.text, #text, p{  
    color:#049454  
}
```

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 #049454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049454
}
```

Border

The CSS property to change the border of an element to Hex 049454 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
#049454 }
```

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

```
.border{ border-color:#049454 }
```

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

Here you see how a box with a 4 pixel #049454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049454; -webkit-box-shadow:4px 4px  
4px 4px #049454; box-shadow:4px 4px 4px  
4px #049454 }
```

Background

The CSS property to change the background color of an element to Hex 049454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049454 }
```

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

```
.background{ background-color:#049454 }
```

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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