

Converting Colors

Hex(49A674)

Have a look what the booklet for
Hex(49A674) contains.

Hex(49A674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49A674)

Conversions

Conversions Part 1

Format	Color
Hex	49A674
RGB	73, 166, 116
RGB Percent	29%, 65%, 45%
CMY	0.7137, 0.3490, 0.5451
CMYK	0.56, 0.00, 0.30, 0.35
HSL	148°, 39%, 47%
HSV	148°, 56%, 65%
XYZ	19.5363, 29.9499, 21.2742
YIQ	132.4930, -39.3780, -35.2660

Conversions

Conversions Part 2

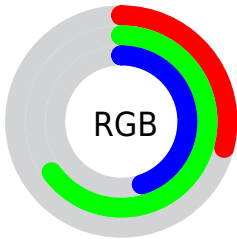
Format	Color
RYB	73, 137, 166
Decimal	4826740
CIELab	61.61, -39.45, 17.76
CIELCh	62, 43.264, 155.767
Yxy	29.9499, 0.2761, 0.4233
Android (android.graphics.Color)	4283016820 (0xFF49A674)
YUV	132.4930, -8.1310, -52.1754
Hunter-Lab	54.7265, -32.0504, 15.2603

Details

The Hex color **49A674** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A6497B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **81DEA8**, and **007143** is the 20% darker color. If you saturate the color by 10%, you get **38A66B**, and if you desaturate by 10%, it is **5AA67D**.

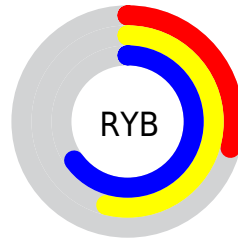
Distribution



Red (29%)

Green (65%)

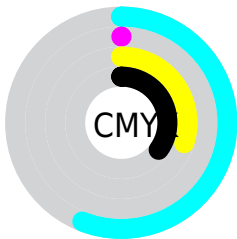
Blue (45%)



Red (29%)

Yellow (54%)

Blue (65%)

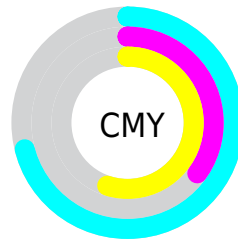


Cyan (56%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (71%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A674 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 49A674 by changing the saturation by 10% instead.



49A674



49A674

FFFFFF



2B8B5B



81DEA8



007143



9DFBC4



00582D



B9FFE0



004018



D6FFFC



002A00



F3FFFF



000B00



000000



49A674



49A674



38A66B



5AA67D

 28A662

 6AA686

 17A659

 7BA68F

 07A650

 8BA698

 00A64D

 9CA6A1

 ADA6AA

 BDA6B2

 CEA6BB

 DEA6C4

Harmonies

Analogous

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



7CA055



49A674



00A99B

Triad

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



49A674



6296E1



D97B6A

Complementary

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



49A674



A6497B

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.



DC758F



49A674



A288D3

Square

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



49A674



00A1DA



CA7AB5



C5884F

Rectangle

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



49A674



00A8B5



CA7AB5



DD7876

Sweetspot

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



49A674



B4D9C5



7CA649



586E62



EDEDED



6E6E6E

Same Dimension

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



49A674



48D98B



49A6A1



4C5450



009444



001409

Inverse Universe

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



A6497B



D94896



A6494E



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 49A674 looks on a white background.

Color Contrast Check

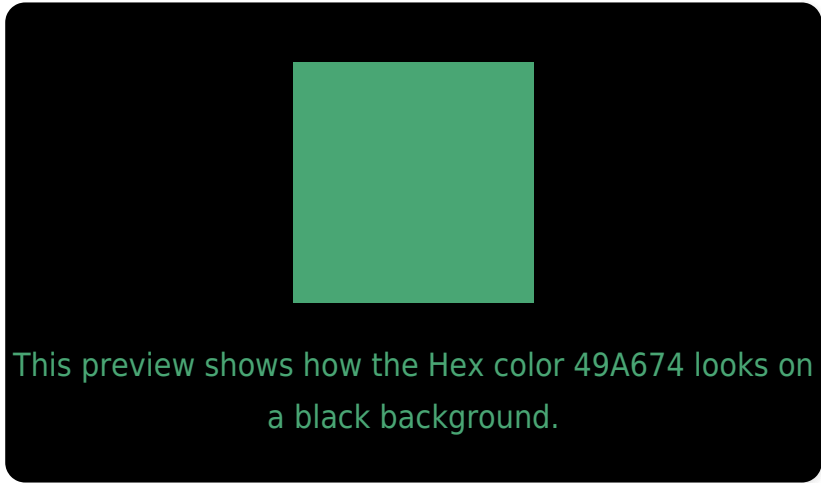
Large Text (above 18pt) WCAG AA ✓ Pass

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

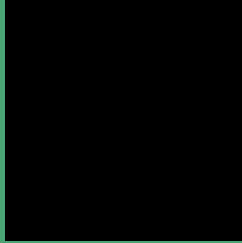
Any Text WCAG AA ✓ Pass

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 49A674 Background



This preview shows how black text looks on a background with the Hex color 49A674.



This preview shows how white text looks on a background with the Hex color 49A674.

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



Trichromacy



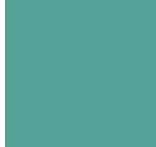
Original Color
49A674



Protanomaly
809B6F



Deuteranomaly
879777



Tritanomaly
53A298

Monochromacy



Original Color
49A674



Achromatopsia
848484



Achromatomaly
6F907E

CSS Examples

Text

The CSS property to change the color of the text to Hex 49A674 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 #49A674 looks like.

```
.text, #text, p{  
    color:#49A674  
}
```

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 #49A674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A674
}
```

Border

The CSS property to change the border of an element to Hex 49A674 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
#49A674 }
```

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

```
.border{ border-color:#49A674 }
```

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

Here you see how a box with a 4 pixel #49A674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A674; -webkit-box-shadow:4px 4px  
4px 4px #49A674; box-shadow:4px 4px 4px  
4px #49A674 }
```

Background

The CSS property to change the background color of an element to Hex 49A674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A674 }
```

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

```
.background{ background-color:#49A674 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor