

Converting Colors

Hex(049C62)

Have a look what the booklet for
Hex(049C62) contains.

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Color

Hex(049C62)

Conversions

Conversions Part 1

Format	Color
Hex	049C62
RGB	4, 156, 98
RGB Percent	2%, 61%, 38%
CMY	0.9843, 0.3882, 0.6157
CMYK	0.97, 0.00, 0.37, 0.39
HSL	157°, 95%, 31%
HSV	157°, 97%, 61%
XYZ	14.1431, 24.6846, 15.5745
YIQ	103.9400, -71.9740, -50.2620

Conversions

Conversions Part 2

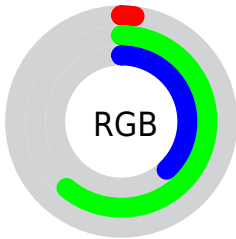
Format	Color
RYB	4, 98, 156
Decimal	302178
CIELab	56.77, -48.69, 20.86
CIELCh	57, 52.976, 156.806
Yxy	24.6846, 0.2600, 0.4537
Android (android.graphics.Color)	4278492258 (0xFF049C62)
YUV	103.9400, -2.9284, -87.6474
Hunter-Lab	49.6836, -36.1337, 16.1927

Details

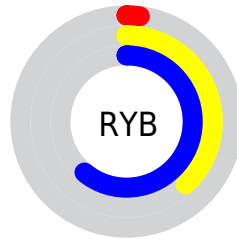
The Hex color **049C62** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C043E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D495**, and **006733** is the 20% darker color. If you saturate the color by 10%, you get **009C60**, and if you desaturate by 10%, it is **149C68**.

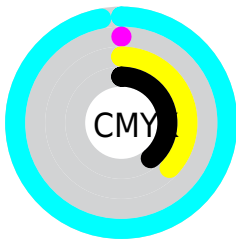
Distribution



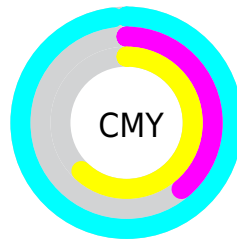
- Red (2%)
- Green (61%)
- Blue (38%)



- Red (2%)
- Yellow (38%)
- Blue (61%)



- Cyan (97%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)



- Cyan (98%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049C62 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 049C62 by changing the saturation by 10% instead.



049C62



049C62

FFFFFF



00814A



58D495



006733



76F0B0



004E1D



94FFCB



003605



B1FFE8



001F00



CFFFFFF



000000



ECFFFF



049C62



049C62



009C60



149C68

 239C6E

 339C74

 429C7A

 529C80

 629C86

 719C8C

 819C92

 909C98

Harmonies

Analogous

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



669539



049C62



009F92

Triad

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



049C62



3B8AE4



D76753

Complementary

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



049C62



9C043E

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.



DC5D7F



049C62



9878D2

Square

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



049C62



0097DD



C865AD



BE7931

Rectangle

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



049C62



009EB1



C865AD



DB6261

Sweetspot

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



049C62



91CCB5



3E9C04



426658



E6E6E6



666666

Same Dimension

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



049C62



00CC7E



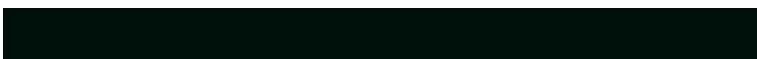
048A9C



474F4C



008F58



000F09

Inverse Universe

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



9C043E



CC004E



9C1604



4F474A



8F0036



0F0006

Previews

White Background



This preview shows how the Hex color 049C62 looks on a white background.

Color Contrast Check

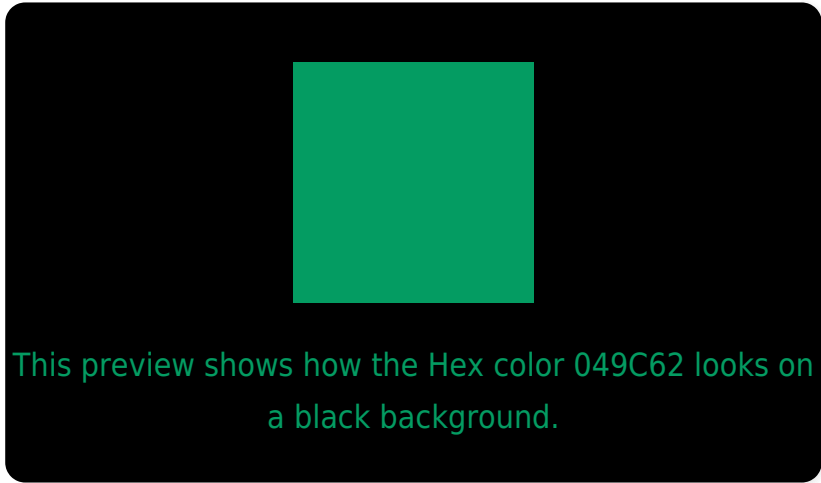
Large Text (above 18pt) WCAG AA ✓ Pass

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

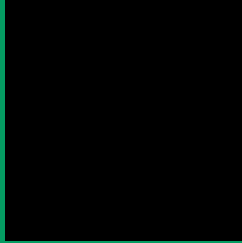
Any Text WCAG AA ✓ Pass

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 049C62 Background



This preview shows how black text looks on a background with the Hex color 049C62.



This preview shows how white text looks on a background with the Hex color 049C62.

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
049C62

Protanopia
938759

Deuteranopia
9F8268



Tritanopia
3894A0

Trichromacy



Original Color
049C62



Protanomaly
5F8F5C



Deuteranomaly
678B66



Tritanomaly
259789

Monochromacy



Original Color
049C62



Achromatopsia
686868



Achromatomaly
447B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 049C62 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 #049C62 looks like.

```
.text, #text, p{  
    color:#049C62  
}
```

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 #049C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049C62
}
```

Border

The CSS property to change the border of an element to Hex 049C62 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
#049C62 }
```

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

```
.border{ border-color:#049C62 }
```

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

Here you see how a box with a 4 pixel #049C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049C62; -webkit-box-shadow:4px 4px  
4px 4px #049C62; box-shadow:4px 4px 4px  
4px #049C62 }
```

Background

The CSS property to change the background color of an element to Hex 049C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049C62 }
```

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

```
.background{ background-color:#049C62 }
```

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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