

Converting Colors

Hex(059924)

Have a look what the booklet for
Hex(059924) contains.

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Color

Hex(059924)

Conversions

Conversions Part 1

Format	Color
Hex	059924
RGB	5, 153, 36
RGB Percent	2%, 60%, 14%
CMY	0.9804, 0.4000, 0.8588
CMYK	0.97, 0.00, 0.76, 0.40
HSL	133°, 94%, 31%
HSV	133°, 97%, 60%
XYZ	11.7723, 22.9421, 5.4769
YIQ	95.4100, -50.6510, -67.7630

Conversions

Conversions Part 2

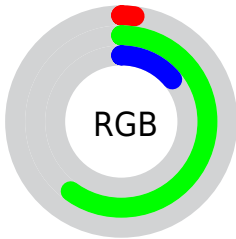
Format	Color
RYB	5, 127, 153
Decimal	366884
CIELab	55.01, -56.85, 48.61
CIELCh	55, 74.800, 139.471
Yxy	22.9421, 0.2929, 0.5708
Android (android.graphics.Color)	4278556964 (0xFF059924)
YUV	95.4100, -29.2891, -79.2896
Hunter-Lab	47.8979, -39.9500, 26.7490

Details

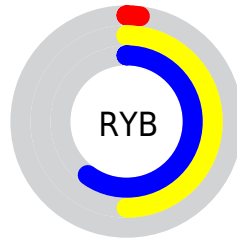
The Hex color **059924** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **99057A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5AD159**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **009920**, and if you desaturate by 10%, it is **149930**.

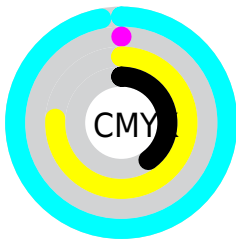
Distribution



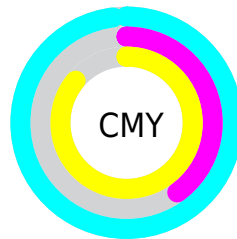
- Red (2%)
- Green (60%)
- Blue (14%)



- Red (2%)
- Yellow (50%)
- Blue (60%)



- Cyan (97%)
- Magenta (0%)
- Yellow (76%)
- Black (40%)



- Cyan (98%)
- Magenta (40%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 059924 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 059924 by changing the saturation by 10% instead.

 059924

 059924

FFFFFF

 007E00

 5AD159

 006400

 78ED73

 004B00

 95FF8E

 003400

 B3FFAA

 001A00

 D1FFC6

 000000

 EFFF E2

 059924

 059924

 009920

 149930

 24993C

 339948

 429954

 529960

 61996D

 709979

 7F9985

 8F9991

Harmonies

Analogous

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



778D00



059924



009F6A

Triad

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



059924



0092FF



F43A5D

Complementary

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



059924



99057A

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.



EA399D



059924



417DFF

Square

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



059924



009DE6



B95CD9



DE5A1E

Rectangle

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



059924



00A097



B95CD9



F43472

Sweetspot

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



059924



8DC799



7B9905



416348



E3E3E3



636363

Same Dimension

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



059924



00C72A



05996D



454D46



008C1D



000D03

Inverse Universe

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



99057A



C7009D



990531



4D454B



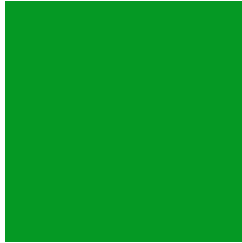
8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 059924 looks on a white background.

Color Contrast Check

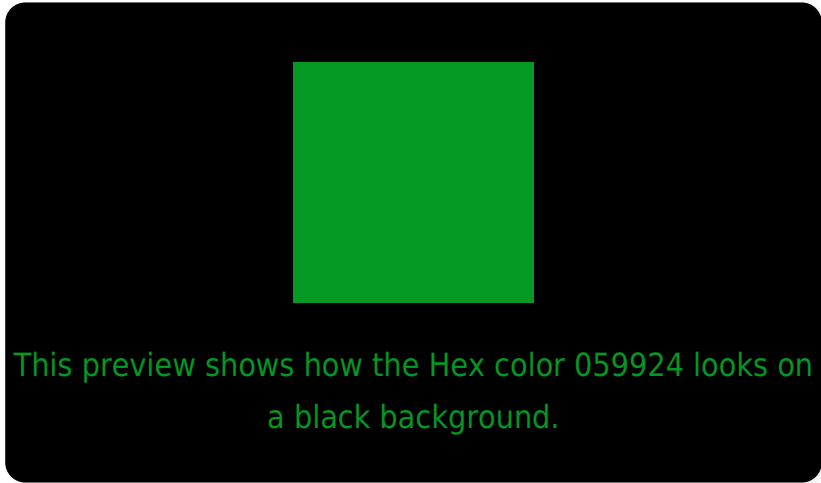
Large Text (above 18pt) WCAG AA ✓ Pass

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 059924 Background



This preview shows how black text looks on a background with the Hex color 059924.



This preview shows how white text looks on a background with the Hex color 059924.

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](#).

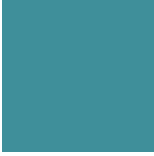
Dichromacy



Original Color
059924

Protanopia
93831E

Deuteranopia
A37C30



Tritanopia
3F8F9A

Trichromacy



Original Color
059924



Protanomaly
5F8B20



Deuteranomaly
6A872C



Tritanomaly
2A936F

Monochromacy



Original Color
059924



Achromatopsia
5F5F5F



Achromatomaly
3E744A

CSS Examples

Text

The CSS property to change the color of the text to Hex 059924 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 #059924 looks like.

```
.text, #text, p{  
    color:#059924  
}
```

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 #059924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #059924
}
```

Border

The CSS property to change the border of an element to Hex 059924 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".

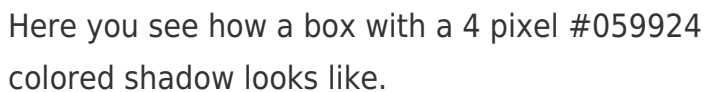
```
.border, #border, table{ border:4px solid
#059924 }
```

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

```
.border{ border-color:#059924 }
```

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

Here you see how a box with a 4 pixel #059924 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #059924; -webkit-box-shadow:4px 4px  
4px 4px #059924; box-shadow:4px 4px 4px  
4px #059924 }
```

Background

The CSS property to change the background color of an element to Hex 059924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#059924 }
```

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

```
.background{ background-color:#059924 }
```

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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