

# Converting Colors

Hex(059463)

Have a look what the booklet for  
Hex(059463) contains.

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**Color**

**Hex(059463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	059463
RGB	5, 148, 99
RGB Percent	2%, 58%, 39%
CMY	0.9804, 0.4196, 0.6118
CMYK	0.97, 0.00, 0.33, 0.42
HSL	159°, 93%, 30%
HSV	159°, 97%, 58%
XYZ	12.9046, 22.1129, 15.3925
YIQ	99.6570, -69.4990, -45.5550

# Conversions

## Conversions Part 2

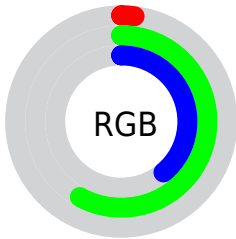
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 91, 148
Decimal	365667
CIELab	54.15, -45.37, 16.76
CIELCh	54, 48.367, 159.731
Yxy	22.1129, 0.2560, 0.4387
Android (android.graphics.Color)	4278555747 (0xFF059463)
YUV	99.6570, -0.3239, -83.0142
Hunter-Lab	47.0244, -33.3080, 13.5097

# Details

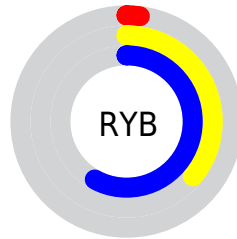
The Hex color **059463** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **940536**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CB96**, and **006034** is the 20% darker color. If you saturate the color by 10%, you get **009461**, and if you desaturate by 10%, it is **149468**.

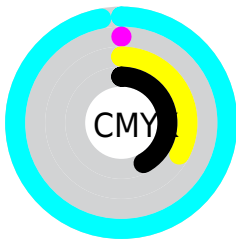
# Distribution



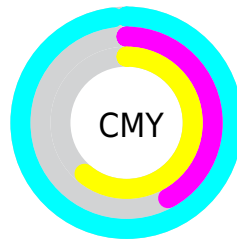
- Red (2%)
- Green (58%)
- Blue (39%)



- Red (2%)
- Yellow (36%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (33%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 059463 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 059463 by changing the saturation by 10% instead.



 059463

 059463

FFFFFF

 007A4B

 56CB96

 006034

 74E8B1

 00471E

 91FFCC

 003007

 AEFEE9

 001700

 CBFFFF

 000000

 E9FFFF

 059463

 059463

 009461

 149468

■ 23946D

■ 319472

■ 409477

■ 4F947C

■ 5E9481

■ 6D9486

■ 7B948C

■ 8A9491

# Harmonies

## Analogous

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



5E8E3E



059463



00968E

# Triad

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



059463



4C81D4



C8654E

# Complementary

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



059463



940536

# 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.



CE5C75



059463



9671C2

# Square

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



059463



008ECF



BF619F



B07531

# Rectangle

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



059463



0095AA



BF619F



CC615A



# Sweetspot

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



059463



88BFAC



379405



3F6155



E0E0E0



616161



# Same Dimension

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



059463



00BF7E



057F94



434A47



008A5B



000A07



# Inverse Universe

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



940536



BF0042



941A05



4A4345



8A002F



0A0003



# Previews

## White Background



This preview shows how the Hex color 059463 looks on a white background.

## Color Contrast Check

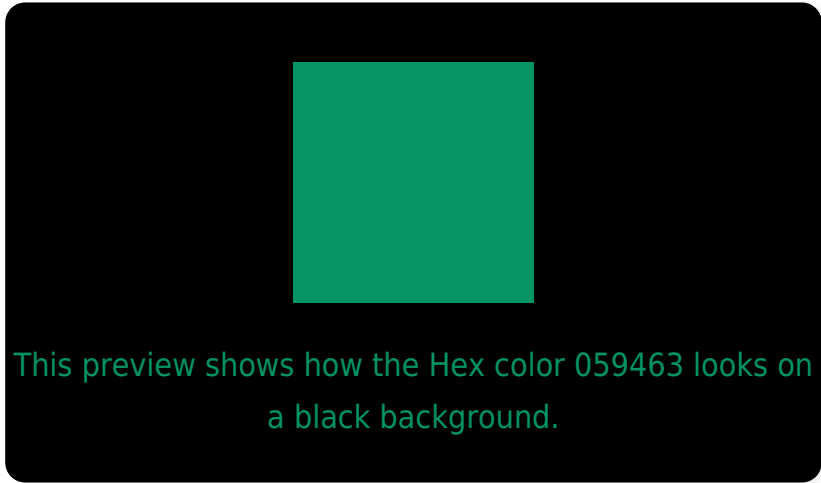
Large Text (above 18pt) WCAG AA ✓ Pass

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

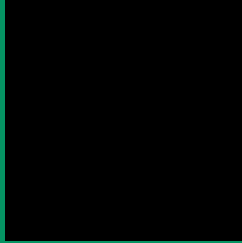
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 059463 Background



This preview shows how black text looks on a background with the Hex color 059463.

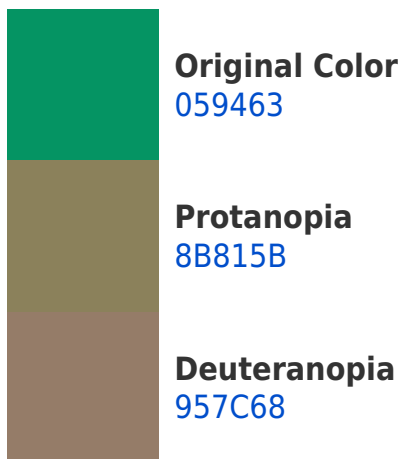


This preview shows how white text looks on a background with the Hex color 059463.

# 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





**Tritanopia**  
338D99

# Trichromacy



**Original Color**

059463



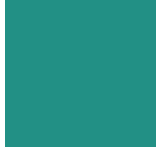
**Protanomaly**

5A885E



**Deuteranomaly**

618566



**Tritanomaly**

229085

# Monochromacy



**Original Color**

059463



**Achromatopsia**

646464



**Achromatomaly**

417564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 059463 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 #059463 looks like.

```
.text, #text, p{  
    color:#059463  
}
```

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 #059463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #059463
}
```

## Border

The CSS property to change the border of an element to Hex 059463 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
#059463 }
```

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

```
.border{ border-color:#059463 }
```

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

Here you see how a box with a 4 pixel #059463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #059463; -webkit-box-shadow:4px 4px  
4px 4px #059463; box-shadow:4px 4px 4px  
4px #059463 }
```

# Background

The CSS property to change the background color of an element to Hex 059463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#059463 }
```

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

```
.background{ background-color:#059463 }
```

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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