

# Converting Colors

Hex(079533)

Have a look what the booklet for  
Hex(079533) contains.

<b>Hex(079533)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(079533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	079533
RGB	7, 149, 51
RGB Percent	3%, 58%, 20%
CMY	0.9725, 0.4157, 0.8000
CMYK	0.95, 0.00, 0.66, 0.42
HSL	139°, 91%, 31%
HSV	139°, 95%, 58%
XYZ	11.4326, 21.7791, 6.7332
YIQ	95.3700, -53.1740, -60.5820

# Conversions

## Conversions Part 2

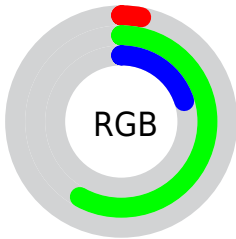
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 115, 149
Decimal	496947
CIELab	53.79, -54.01, 41.24
CIElCh	54, 67.957, 142.636
Yxy	21.7791, 0.2862, 0.5452
Android (android.graphics.Color)	4278687027 (0xFF079533)
YUV	95.3700, -21.8744, -77.5005
Hunter-Lab	46.6681, -37.9407, 24.1134

# Details

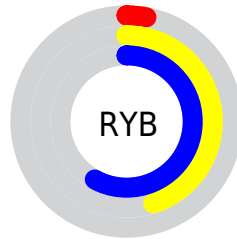
The Hex color **079533** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **950769**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **58CC66**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **00952E**, and if you desaturate by 10%, it is **16953D**.

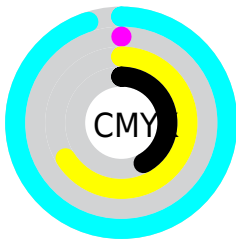
# Distribution



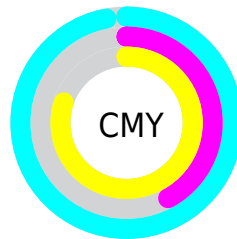
- Red (3%)
- Green (58%)
- Blue (20%)



- Red (3%)
- Yellow (45%)
- Blue (58%)



- Cyan (95%)
- Magenta (0%)
- Yellow (66%)
- Black (42%)



- Cyan (97%)
- Magenta (42%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 079533 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 079533 by changing the saturation by 10% instead.



 079533

 079533

FFFFFF

 007A19

 58CC66

 006100

 76E980

 004700

 93FF9A

 003100

 B0FFB6


 001600

 CEFFD2

 000000

 ECFFEF

 079533

 079533

 00952E

 16953D

 259548

 349552

 43955C

 529566

 609571

 6F957B

 7E9585

 8D9590

# Harmonies

## Analogous

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



708B00



079533



009A70

# Triad

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



079533



008CF6



E64557

# Complementary

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



079533



950769

# 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.



E14192



079533



5D77EE

# Square

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



079533



0097DD



B85AC9



D05F20

# Rectangle

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



079533



009B99



B85AC9



E8406A



# Sweetspot

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



079533



8AC29B



6A9507



3F6149



E0E0E0



616161



# Same Dimension

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



079533



00C23C



079579



434A45



008A2B



000A03



# Inverse Universe

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



950769



C20086



950723



4A4348



8A005F

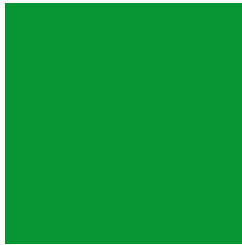


0A0007



# Previews

## White Background



This preview shows how the Hex color 079533 looks on a white background.

## Color Contrast Check

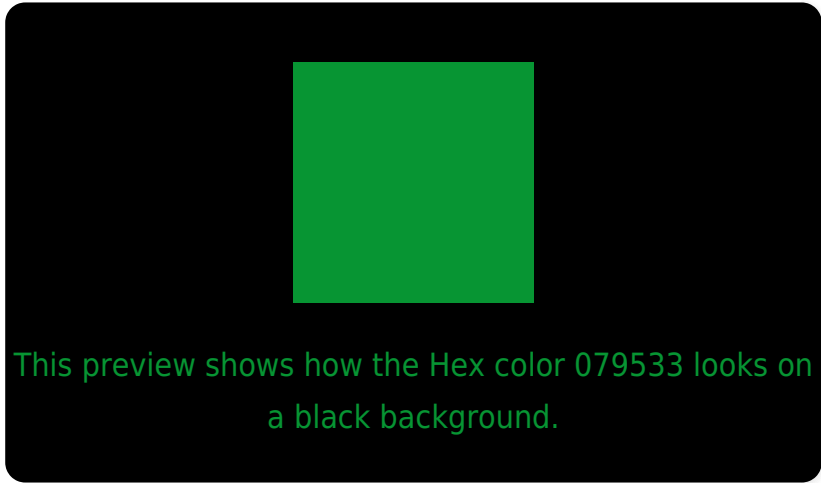
Large Text (above 18pt) WCAG AA ✓ Pass

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 079533 Background



This preview shows how black text looks on a background with the Hex color 079533.



This preview shows how white text looks on a background with the Hex color 079533.

# 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**  
3C8B97

# Trichromacy



**Original Color**  
079533



**Protanomaly**  
5E882F



**Deuteranomaly**  
678439



**Tritanomaly**  
298F73

# Monochromacy



**Original Color**  
079533



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3F734F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 079533 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 #079533 looks like.

```
.text, #text, p{  
    color:#079533  
}
```

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 #079533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #079533
}
```

## Border

The CSS property to change the border of an element to Hex 079533 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
#079533 }
```

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

```
.border{ border-color:#079533 }
```

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

Here you see how a box with a 4 pixel #079533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #079533; -webkit-box-shadow:4px 4px  
4px 4px #079533; box-shadow:4px 4px 4px  
4px #079533 }
```

# Background

The CSS property to change the background color of an element to Hex 079533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#079533 }
```

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

```
.background{ background-color:#079533 }
```

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