

# Converting Colors

Hex(549760)

Have a look what the booklet for  
Hex(549760) contains.

<b>Hex(549760)</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(549760)

# Conversions

## Conversions Part 1

Format	Color
Hex	549760
RGB	84, 151, 96
RGB Percent	33%, 59%, 38%
CMY	0.6706, 0.4078, 0.6235
CMYK	0.44, 0.00, 0.36, 0.41
HSL	131°, 29%, 46%
HSV	131°, 44%, 59%
XYZ	16.8341, 24.8626, 14.9780
YIQ	124.6970, -22.2770, -31.3090

# Conversions

## Conversions Part 2

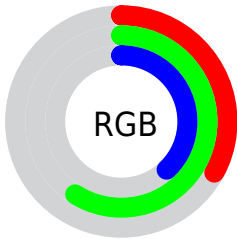
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 141, 151
Decimal	5543776
CIELab	56.94, -33.61, 22.52
CIELCh	57, 40.455, 146.178
Yxy	24.8626, 0.2970, 0.4387
Android (android.graphics.Color)	4283733856 (0xFF549760)
YUV	124.6970, -14.1476, -35.6913
Hunter-Lab	49.8624, -26.9956, 17.0937

# Details

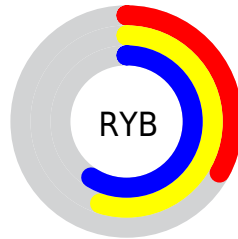
The Hex color **549760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97548B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **89CE93**, and **1F6331** is the 20% darker color. If you saturate the color by 10%, you get **459754**, and if you desaturate by 10%, it is **63976C**.

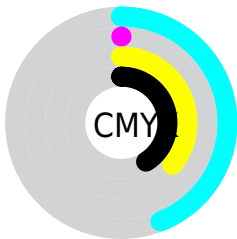
# Distribution



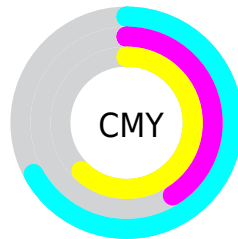
- Red (33%)
- Green (59%)
- Blue (38%)



- Red (33%)
- Yellow (55%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549760 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 549760 by changing the saturation by 10% instead.



■ 549760

■ 549760

FFFFFF

■ 3A7D48

■ 89CE93

■ 1F6331

■ A4EAAE

■ 004B1B

■ C0FFC9

■ 003403

■ DDFFE5

■ 002000

■ FAFFFF

■ 000000

■ 549760

■ 549760

■ 459754

■ 63976C

■ 369747

■ 729779

■ 27973B

■ 819785

■ 18972E

■ 909792

■ 099722

■ A0979E

■ 00971B

■ AF97AA

■ BE97B7

■ CD97C3

■ DC97D0

# Harmonies

## Analogous

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



7F9047



549760



009A83

# Triad

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



549760



418ECF



CB6E6B

# Complementary

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



549760



97548B

# 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.



C76C8F



549760



8581C8

# Square

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



549760



0096C2



B074B0



BD784F

# Rectangle

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



549760



009B9B



B074B0



CC6C77



# Sweetspot

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



549760



ABC4AF



8C9754



546356



E3E3E3



636363



# Same Dimension

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



549760



5CC46F



549781



454D46



008C19



000D02



# Inverse Universe

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



97548B



C45CB2



97546A



4D454B



8C0073



0D000A



# Previews

## White Background



This preview shows how the Hex color 549760 looks on a white background.

## Color Contrast Check

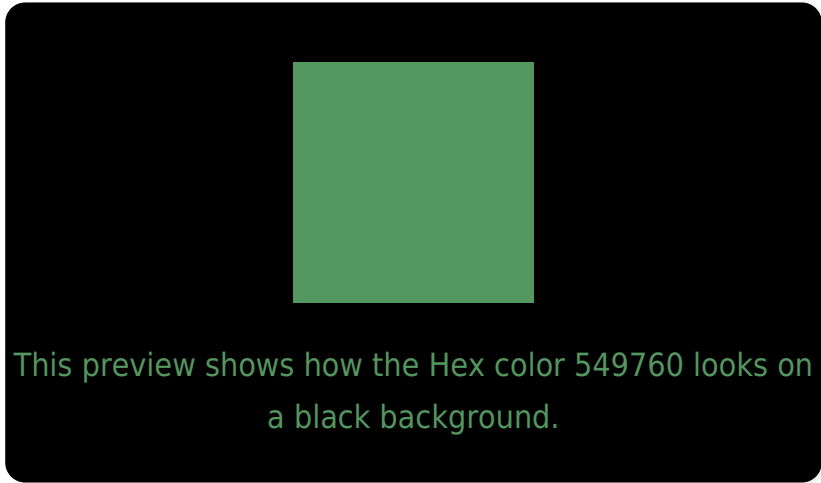
Large Text (above 18pt) WCAG AA ✓ Pass

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

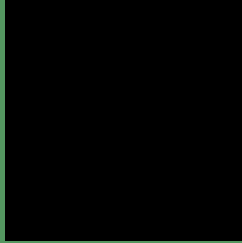
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 549760 Background



This preview shows how black text looks on a background with the Hex color 549760.



This preview shows how white text looks on a background with the Hex color 549760.

# 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**  
61909B

# Trichromacy



**Original Color**  
549760

**Protanomaly**  
7D8D5C

**Deuteranomaly**  
858A63

**Tritanomaly**  
5C9386

# Monochromacy



**Original Color**  
549760

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
6E8672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549760 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 #549760 looks like.

```
.text, #text, p{  
    color:#549760  
}
```

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 #549760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549760
}
```

## Border

The CSS property to change the border of an element to Hex 549760 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
#549760 }
```

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

```
.border{ border-color:#549760 }
```

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

Here you see how a box with a 4 pixel #549760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549760; -webkit-box-shadow:4px 4px  
4px 4px #549760; box-shadow:4px 4px 4px  
4px #549760 }
```

# Background

The CSS property to change the background color of an element to Hex 549760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549760 }
```

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

```
.background{ background-color:#549760 }
```

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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