

# Converting Colors

Hex(549668)

Have a look what the booklet for  
Hex(549668) contains.

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# Color

Hex(549668)

# Conversions

## Conversions Part 1

Format	Color
Hex	549668
RGB	84, 150, 104
RGB Percent	33%, 59%, 41%
CMY	0.6706, 0.4118, 0.5922
CMYK	0.44, 0.00, 0.31, 0.41
HSL	138°, 28%, 46%
HSV	138°, 44%, 59%
XYZ	17.0612, 24.6970, 16.9645
YIQ	125.0220, -24.5700, -28.2980

# Conversions

## Conversions Part 2

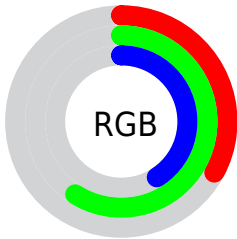
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 135, 150
Decimal	5543528
CIELab	56.78, -31.65, 17.86
CIElCh	57, 36.344, 150.563
Yxy	24.6970, 0.2905, 0.4206
Android (android.graphics.Color)	4283733608 (0xFF549668)
YUV	125.0220, -10.3638, -35.9763
Hunter-Lab	49.6961, -25.6871, 14.5477

# Details

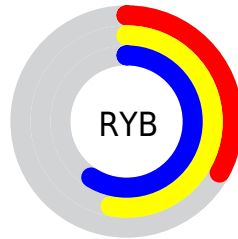
The Hex color **549668** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **965482**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **89CD9B**, and **1F6339** is the 20% darker color. If you saturate the color by 10%, you get **45965E**, and if you desaturate by 10%, it is **639672**.

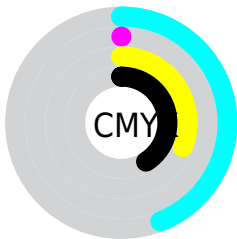
# Distribution



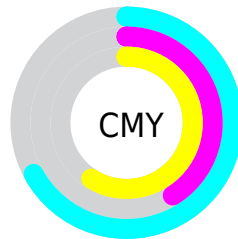
- Red (33%)
- Green (59%)
- Blue (41%)



- Red (33%)
- Yellow (53%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549668 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 549668 by changing the saturation by 10% instead.



 549668

 549668

FFFFFF

 3A7C50

 89CD9B

 1F6339

 A4E9B6

 004A23

 C0FFD2

 00330D

 DCFEE

 002000

 F9FFFF

 000000

 549668

 549668

 45965E

 639672

 369653

 72967D

■ 279649

■ 819687

■ 18963E

■ 909692

■ 099634

■ 9F969C

■ 00962D

■ AE96A7

■ BD96B1

■ CC96BC

■ DB96C6

# Harmonies

## Analogous

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



7B9050



549668



1B9988

# Triad

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



549668



578BC7



C4726A

# Complementary

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



549668



965482

# 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.



C36F89



549668



8C80BF

# Square

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



549668



0094BF



B075A8



B57B52

# Rectangle

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



549668



00999D



B075A8



C57074



# Sweetspot

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



549668



A9C2B0



829654



516156



E0E0E0



616161



# Same Dimension

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



549668



5BC27A



549689



434A45



008A2A



000A03



# Inverse Universe

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



965482



C25BA3



965461



4A4348



8A0060



0A0007



# Previews

## White Background



This preview shows how the Hex color 549668 looks on a white background.

## Color Contrast Check

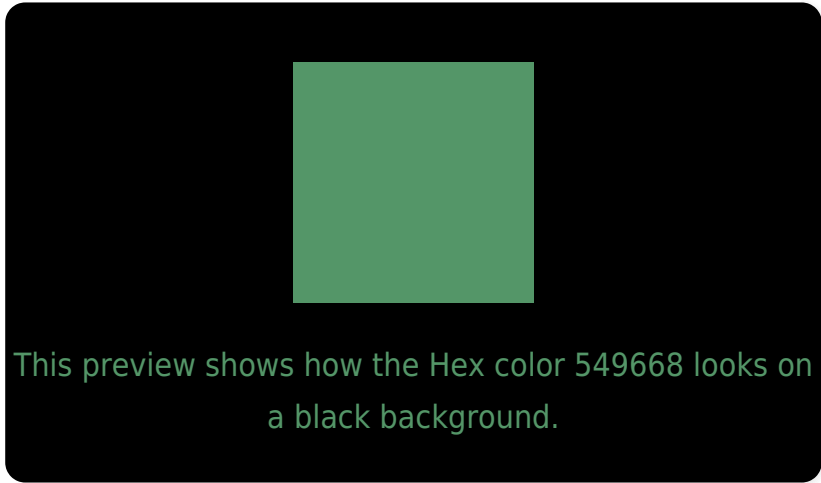
Large Text (above 18pt) WCAG AA ✓ Pass

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

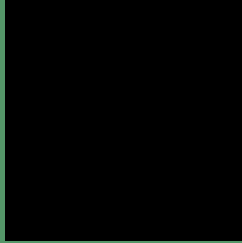
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 549668 Background



This preview shows how black text looks on a background with the Hex color 549668.



This preview shows how white text looks on a background with the Hex color 549668.

# 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**  
60909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549668 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 #549668 looks like.

```
.text, #text, p{  
    color:#549668  
}
```

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 #549668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549668  
}
```

## Border

The CSS property to change the border of an element to Hex 549668 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  
#549668 }
```

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

```
.border{ border-color:#549668 }
```

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

Here you see how a box with a 4 pixel #549668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549668; -webkit-box-shadow:4px 4px  
4px 4px #549668; box-shadow:4px 4px 4px  
4px #549668 }
```

# Background

The CSS property to change the background color of an element to Hex 549668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549668 }
```

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

```
.background{ background-color:#549668 }
```

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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