

# Converting Colors

Hex(548851)

Have a look what the booklet for  
Hex(548851) contains.

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# Color

**Hex(548851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	548851
RGB	84, 136, 81
RGB Percent	33%, 53%, 32%
CMY	0.6706, 0.4667, 0.6824
CMYK	0.38, 0.00, 0.40, 0.47
HSL	117°, 25%, 43%
HSV	117°, 40%, 53%
XYZ	13.9455, 20.0872, 10.9268
YIQ	114.1820, -13.3370, -28.1290

# Conversions

## Conversions Part 2

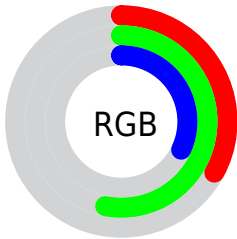
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 136, 133
Decimal	5539921
CIE <sub>Lab</sub>	51.94, -29.11, 24.19
CIE <sub>LCh</sub>	52, 37.849, 140.275
Yxy	20.0872, 0.3102, 0.4468
Android (android.graphics.Color)	4283730001 (0xFF548851)
YUV	114.1820, -16.3587, -26.4696
Hunter-Lab	44.8188, -22.8919, 16.9183

# Details

The Hex color **548851** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **855188**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **88BE83**, and **225623** is the 20% darker color. If you saturate the color by 10%, you get **478843**, and if you desaturate by 10%, it is **61885F**.

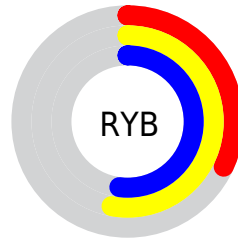
# Distribution



Red (33%)

Green (53%)

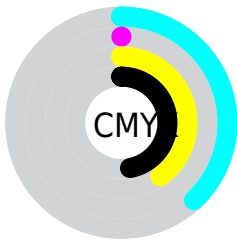
Blue (32%)



Red (32%)

Yellow (53%)

Blue (52%)

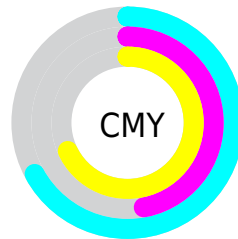


Cyan (38%)

Magenta (0%)

Yellow (40%)

Black (47%)



Cyan (67%)

Magenta (47%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 548851 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 548851 by changing the saturation by 10% instead.





548851



548851

FFFFFF



3B6E39



88BE83



225623



A3DA9D



043E0D



BEF6B8



002800



DBFFD4



000D00



F8FFF1



000000



548851



548851



478843



61885F



3A8836



6E886C

 2D8828

 7B887A

 21881B

 878887

 14880D

 948895

 078800

 A188A3

 AE88B0

 BB88BE

 C888CB

# Harmonies

## Analogous

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



7A813D



548851



1A8C70

# Triad

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



548851



2782BB



B96267

# Complementary

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



548851



855188

# 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.



B36288



548851



6E77B9

# Square

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



548851



0089AD



9A6BA6



AF6B4B

# Rectangle

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



548851



008D86



9A6BA6



B96172



# Sweetspot

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



548851



9CB09B



888451



4D594D



D9D9D9



595959



# Same Dimension

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



548851



5EB05A



518869



3E453E



078500



000500



# Inverse Universe

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



855188



AB5AB0



885170



443E45



7D0085



050005



# Previews

## White Background



This preview shows how the Hex color 548851 looks on a white background.

## Color Contrast Check

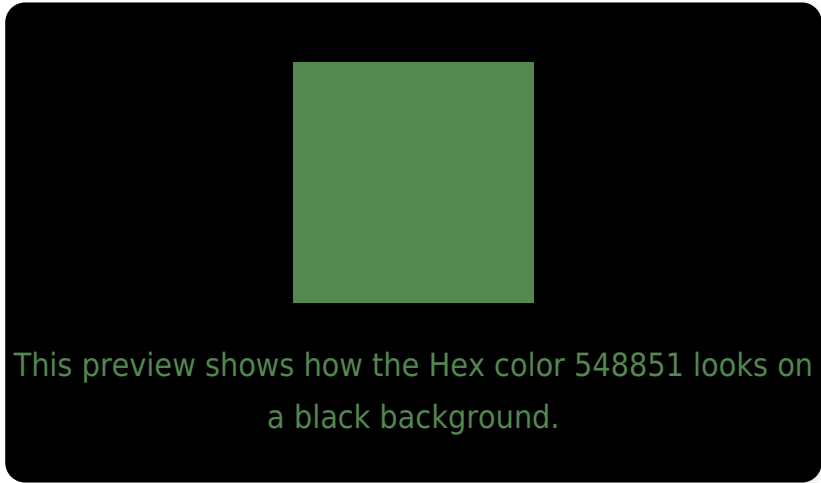
Large Text (above 18pt) WCAG AA ✓ Pass

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

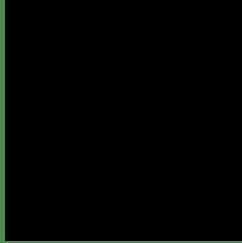
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 548851 Background



This preview shows how black text looks on a background with the Hex color 548851.



This preview shows how white text looks on a background with the Hex color 548851.

# 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**  
5F818B

# Trichromacy



**Original Color**  
548851

**Protanomaly**  
74804E

**Deuteranomaly**  
7C7D54

**Tritanomaly**  
5B8476

# Monochromacy



**Original Color**  
548851

**Achromatopsia**  
727272

**Achromatomaly**  
677A66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 548851 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 #548851 looks like.

```
.text, #text, p{  
    color:#548851  
}
```

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 #548851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #548851
}
```

## Border

The CSS property to change the border of an element to Hex 548851 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
#548851 }
```

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

```
.border{ border-color:#548851 }
```

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

Here you see how a box with a 4 pixel #548851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #548851; -webkit-box-shadow:4px 4px  
4px 4px #548851; box-shadow:4px 4px 4px  
4px #548851 }
```

# Background

The CSS property to change the background color of an element to Hex 548851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#548851 }
```

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

```
.background{ background-color:#548851 }
```

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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