

# Converting Colors

Hex(547A33)

Have a look what the booklet for  
Hex(547A33) contains.

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**Color**

**Hex(547A33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547A33
RGB	84, 122, 51
RGB Percent	33%, 48%, 20%
CMY	0.6706, 0.5216, 0.8000
CMYK	0.31, 0.00, 0.58, 0.52
HSL	92°, 41%, 34%
HSV	92°, 58%, 48%
XYZ	11.2132, 16.0429, 5.6376
YIQ	102.5440, 0.1430, -30.1370

# Conversions

## Conversions Part 2

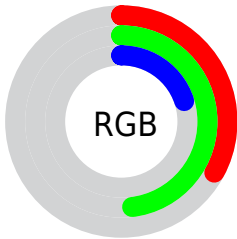
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 122, 89
Decimal	5536307
CIELab	47.03, -26.46, 34.13
CIELCh	47, 43.185, 127.782
Yxy	16.0429, 0.3409, 0.4877
Android (android.graphics.Color)	4283726387 (0xFF547A33)
YUV	102.5440, -25.4112, -16.2631
Hunter-Lab	40.0536, -20.1217, 19.6924

# Details

The Hex color **547A33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59337A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **88AF64**, and **224902** is the 20% darker color. If you saturate the color by 10%, you get **4D7A27**, and if you desaturate by 10%, it is **5B7A3F**.

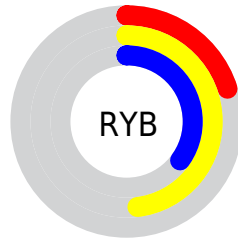
# Distribution



Red (33%)

Green (48%)

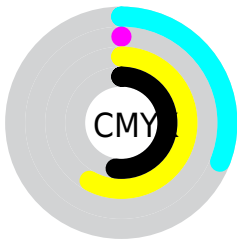
Blue (20%)



Red (20%)

Yellow (48%)

Blue (35%)

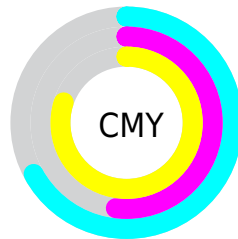


Cyan (31%)

Magenta (0%)

Yellow (58%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547A33 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 547A33 by changing the saturation by 10% instead.



 547A33

 547A33

FFFFFF

 3B611B

 88AF64

 224902

 A3CA7D

 0A3200

 BEE698

 001F00

 DBFFB3

 000000

 F8FFCF

 FFFFEB

 547A33

 547A33

 4D7A27

 5B7A3F

■ 477A1B

■ 617A4B

■ 407A0E

■ 687A58

■ 3A7A02

■ 6E7A64

■ 397A00

■ 757A70

■ 7B7A7C

■ 827A88

■ 887A95

■ 8F7AA1

# Harmonies

## Analogous

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



7B7122



547A33



137F53

# Triad

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



547A33



007BB2



B24F67

# Complementary

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



547A33



59337A

# 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.



A3548C



547A33



3B70B7

# Square

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



547A33



00809B



7E62A9



AD5645

# Rectangle

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



547A33



00816C



7E62A9



AF4F74



# Sweetspot

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



547A33



909E83



7A5933



474F3F



CFCFCF



4F4F4F



# Same Dimension

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



547A33



639E2F



337A35



3A3D37



3A7D00



75FC00



# Inverse Universe

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



59337A



6B2F9E



7A3378



3A373D



43007D



8700FC



# Previews

## White Background



This preview shows how the Hex color 547A33 looks on a white background.

## Color Contrast Check

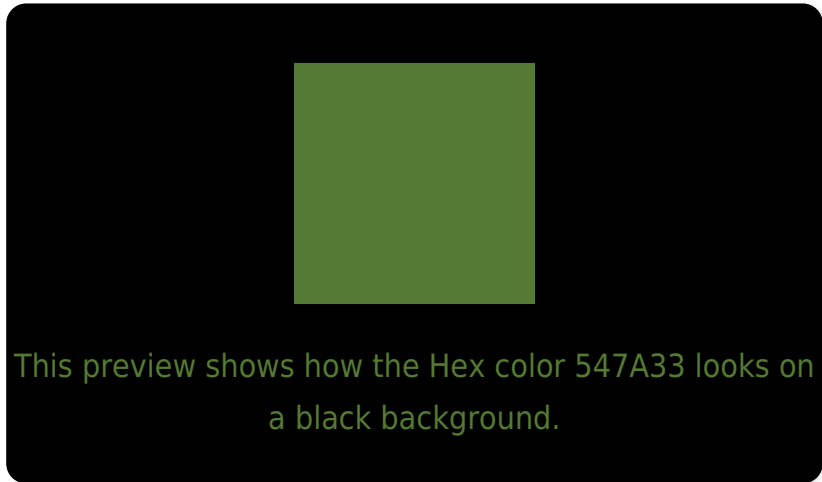
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

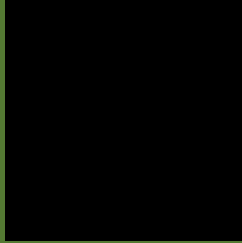
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 547A33 Background



This preview shows how black text looks on a background with the Hex color 547A33.



This preview shows how white text looks on a background with the Hex color 547A33.

# 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



**Original Color**  
547A33

**Protanopia**  
7C6F30

**Deuteranopia**  
896A38



**Tritanopia**  
5F737C

# Trichromacy



**Original Color**  
547A33

**Protanomaly**  
6D7331

**Deuteranomaly**  
767036

**Tritanomaly**  
5B7661

# Monochromacy



**Original Color**  
547A33

**Achromatopsia**  
676767

**Achromatomaly**  
606E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547A33 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 #547A33 looks like.

```
.text, #text, p{  
    color:#547A33  
}
```

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 #547A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547A33
}
```

## Border

The CSS property to change the border of an element to Hex 547A33 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
#547A33 }
```

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

```
.border{ border-color:#547A33 }
```

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

Here you see how a box with a 4 pixel #547A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547A33; -webkit-box-shadow:4px 4px  
4px 4px #547A33; box-shadow:4px 4px 4px  
4px #547A33 }
```

# Background

The CSS property to change the background color of an element to Hex 547A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547A33 }
```

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

```
.background{ background-color:#547A33 }
```

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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