

# Converting Colors

Hex(545B39)

Have a look what the booklet for  
Hex(545B39) contains.

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# Color

Hex(545B39)

# Conversions

## Conversions Part 1

Format	Color
Hex	545B39
RGB	84, 91, 57
RGB Percent	33%, 36%, 22%
CMY	0.6706, 0.6431, 0.7765
CMYK	0.08, 0.00, 0.37, 0.64
HSL	72°, 23%, 29%
HSV	72°, 37%, 36%
XYZ	8.1358, 9.6624, 5.3071
YIQ	85.0310, 6.7420, -12.0580

# Conversions

## Conversions Part 2

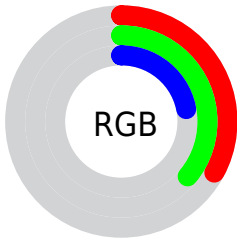
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 91, 64
Decimal	5528377
CIELab	37.23, -9.08, 18.72
CIElCh	37, 20.805, 115.884
Yxy	9.6624, 0.3521, 0.4182
Android (android.graphics.Color)	4283718457 (0xFF545B39)
YUV	85.0310, -13.8193, -0.9042
Hunter-Lab	31.0844, -7.6786, 11.6363

# Details

The Hex color **545B39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40395B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **868D68**, and **262D0E** is the 20% darker color. If you saturate the color by 10%, you get **525B30**, and if you desaturate by 10%, it is **565B42**.

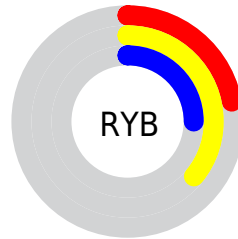
# Distribution



 Red (33%)

 Green (36%)

 Blue (22%)



 Red (22%)

 Yellow (36%)

 Blue (25%)

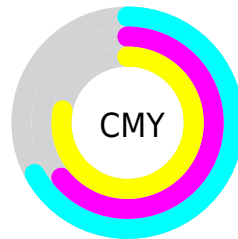


 Cyan (8%)

 Magenta (0%)

 Yellow (37%)

 Black (64%)



 Cyan (67%)

 Magenta (64%)

 Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 545B39 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 545B39 by changing the saturation by 10% instead.



■ 545B39

■ 545B39

FFFFFF

■ 3C4423

■ 868D68

■ 262D0E

■ A0A782

■ 101900

■ BCC39C

■ 000000

■ D7DFB7

■ F4FBD2

■ FFFFEF

■ 545B39

■ 545B39

■ 525B30

■ 565B42

■ 505B27

■ 585B4B

■ 4E5B1E

■ 5A5B54

■ 4D5B15

■ 5B5B5D

■ 4B5B0B

■ 5D5B67

■ 495B02

■ 5F5B70

■ 485B00

■ 615B79

■ 635B82

■ 655B8B

# Harmonies

## Analogous

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



655636



545B39



415F44

# Triad

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



545B39



245E73



764B5B

# Complementary

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



545B39



40395B

# 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.



6B4E6B



545B39



3D5A79

# Square

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



545B39



1D6066



575476



794C4A

# Rectangle

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



545B39



33604F



575476



744C60



# Sweetspot

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



545B39



737568



5B4039



393B33



BABABA



3B3B3B



# Same Dimension

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



545B39



6A7541



435B39



2D2E29



576E00



BCED00



# Inverse Universe

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



40395B



4B4175



51395B



2A292E



17006E



3100ED



# Previews

## White Background



This preview shows how the Hex color 545B39 looks on a white background.

## Color Contrast Check

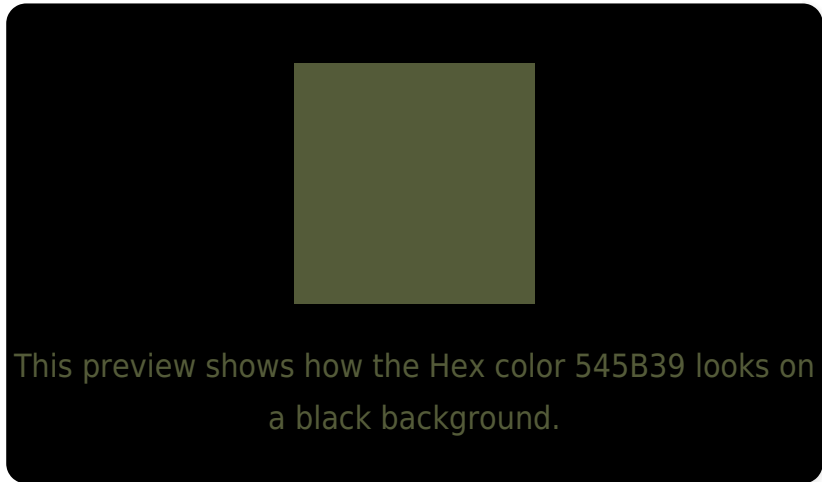
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

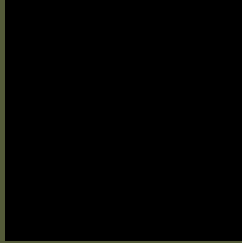
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

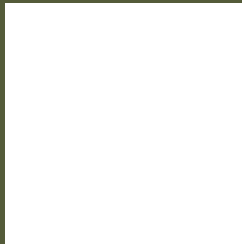
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 545B39 Background



This preview shows how black text looks on a background with the Hex color 545B39.



This preview shows how white text looks on a background with the Hex color 545B39.

# 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**  
545B39

**Protanopia**  
5F5838

**Deuteranopia**  
69543B



**Tritanopia**  
59575D

# Trichromacy



**Original Color**  
545B39

**Protanomaly**  
5B5938

**Deuteranomaly**  
61573A

**Tritanomaly**  
575850

# Monochromacy



**Original Color**  
545B39

**Achromatopsia**  
555555

**Achromatomaly**  
55574B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 545B39 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 #545B39 looks like.

```
.text, #text, p{  
    color:#545B39  
}
```

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 #545B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545B39
}
```

## Border

The CSS property to change the border of an element to Hex 545B39 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".

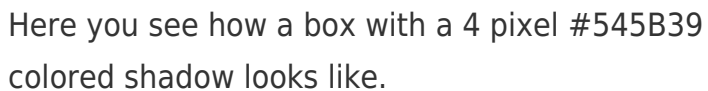
```
.border, #border, table{ border:4px solid
#545B39 }
```

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

```
.border{ border-color:#545B39 }
```

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

Here you see how a box with a 4 pixel #545B39 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545B39; -webkit-box-shadow:4px 4px  
4px 4px #545B39; box-shadow:4px 4px 4px  
4px #545B39 }
```

# Background

The CSS property to change the background color of an element to Hex 545B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545B39 }
```

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

```
.background{ background-color:#545B39 }
```

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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