

# Converting Colors

Hex(545D31)

Have a look what the booklet for  
Hex(545D31) contains.

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# Color

Hex(545D31)

# Conversions

## Conversions Part 1

Format	Color
Hex	545D31
RGB	84, 93, 49
RGB Percent	33%, 36%, 19%
CMY	0.6706, 0.6353, 0.8078
CMYK	0.10, 0.00, 0.47, 0.64
HSL	72°, 31%, 28%
HSV	72°, 47%, 36%
XYZ	8.1249, 9.9353, 4.3952
YIQ	85.2930, 8.7600, -15.5920

# Conversions

## Conversions Part 2

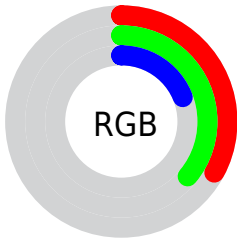
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 93, 58
Decimal	5528881
CIE <sub>Lab</sub>	37.73, -11.32, 24.02
CIE <sub>LCh</sub>	38, 26.558, 115.231
Yxy	9.9353, 0.3618, 0.4424
Android (android.graphics.Color)	4283718961 (0xFF545D31)
YUV	85.2930, -17.8924, -1.1340
Hunter-Lab	31.5203, -9.1490, 13.7968

# Details

The Hex color **545D31** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A315D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **868F60**, and **262F03** is the 20% darker color. If you saturate the color by 10%, you get **525D28**, and if you desaturate by 10%, it is **565D3A**.

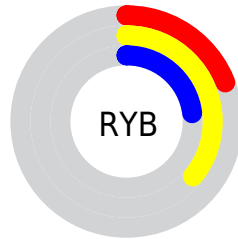
# Distribution



 Red (33%)

 Green (36%)

 Blue (19%)




 Red (19%)

 Yellow (36%)

 Blue (23%)

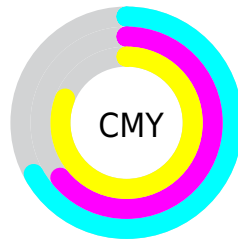


 Cyan (10%)

 Magenta (0%)

 Yellow (47%)

 Black (64%)



 Cyan (67%)

 Magenta (64%)

 Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 545D31 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 545D31 by changing the saturation by 10% instead.



 545D31

 545D31

FFFFFF

 3C451B

 868F60

 262F03

 A1AA79

 0E1B00

 BCC593

 000000

 D8E1AE

 F5FEC9

 FFFFE6

 545D31

 545D31

 525D28

 565D3A

■ 505D1E

■ 585D44

■ 4E5D15

■ 5A5D4D

■ 4C5D0C

■ 5C5D56

■ 4A5D02

■ 5E5D5F

■ 4A5D00

■ 5F5D69

■ 615D72

■ 635D7B

■ 655D85

# Harmonies

## Analogous

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



69562E



545D31



3B6240

# Triad

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



545D31



00617B



7F485D

# Complementary

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



545D31



3A315D

# 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.



704D72



545D31



305C83

# Square

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



545D31



00646A



565580



824948

# Rectangle

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



545D31



26634D



565580



7C4964



# Sweetspot

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



545D31



747867



5D3A31



3B3D33



BDBDBD



3D3D3D



# Same Dimension

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



545D31



6A7834



3E5D31



2D2E29



576E00



BDED00



# Inverse Universe

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



3A315D



423478



50315D



2A292E



16006E



3100ED



# Previews

## White Background



This preview shows how the Hex color 545D31 looks on a white background.

## Color Contrast Check

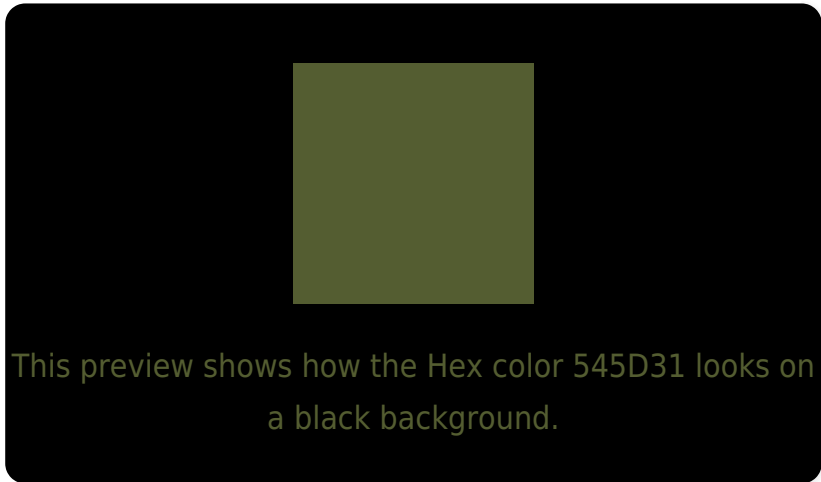
Large Text (above 18pt) WCAG AA ✓ Pass

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

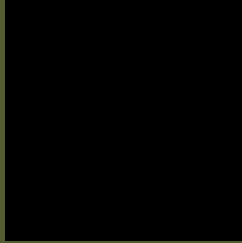
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

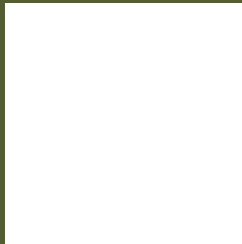
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 545D31 Background



This preview shows how black text looks on a background with the Hex color 545D31.



This preview shows how white text looks on a background with the Hex color 545D31.

# 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**  
545D31

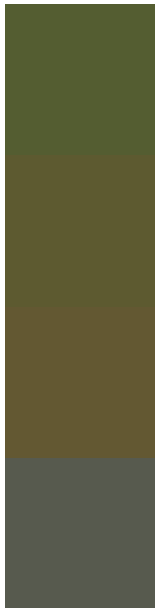
**Protanopia**  
625930

**Deuteranopia**  
6C5533



**Tritanopia**  
59585F

# Trichromacy



**Original Color**  
545D31

**Protanomaly**  
5D5A30

**Deuteranomaly**  
635832

**Tritanomaly**  
575A4E

# Monochromacy



**Original Color**  
545D31

**Achromatopsia**  
555555

**Achromatomaly**  
555848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 545D31 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 #545D31 looks like.

```
.text, #text, p{  
    color:#545D31  
}
```

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 #545D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545D31
}
```

## Border

The CSS property to change the border of an element to Hex 545D31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

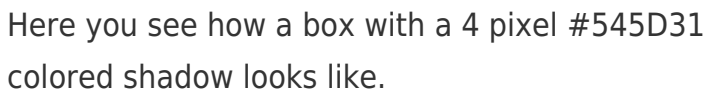
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545D31 }
```

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

```
.border{ border-color:#545D31 }
```

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



Here you see how a box with a 4 pixel #545D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545D31; -webkit-box-shadow:4px 4px  
4px 4px #545D31; box-shadow:4px 4px 4px  
4px #545D31 }
```

# Background

The CSS property to change the background color of an element to Hex 545D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545D31 }
```

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

```
.background{ background-color:#545D31 }
```

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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