

# Converting Colors

Hex(574B27)

Have a look what the booklet for  
Hex(574B27) contains.

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**Color**

**Hex(574B27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	574B27
RGB	87, 75, 39
RGB Percent	34%, 29%, 15%
CMY	0.6588, 0.7059, 0.8471
CMYK	0.00, 0.14, 0.55, 0.66
HSL	45°, 38%, 25%
HSV	45°, 55%, 34%
XYZ	6.8128, 7.2049, 2.9511
YIQ	74.4840, 18.7080, -8.6520

# Conversions

## Conversions Part 2

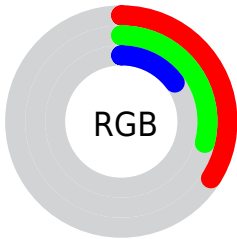
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 87, 39
Decimal	5720871
CIE Lab	32.27, -0.36, 23.15
CIE LCh	32, 23.149, 90.885
Yxy	7.2049, 0.4015, 0.4246
Android (android.graphics.Color)	4283910951 (0xFF574B27)
YUV	74.4840, -17.4936, 10.9765
Hunter-Lab	26.8419, -1.6681, 12.2708

# Details

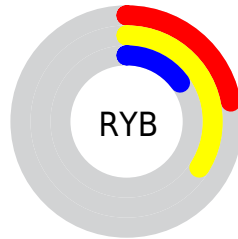
The Hex color **574B27** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **273357**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8A7C55**, and **291F00** is the 20% darker color. If you saturate the color by 10%, you get **57491E**, and if you desaturate by 10%, it is **574D30**.

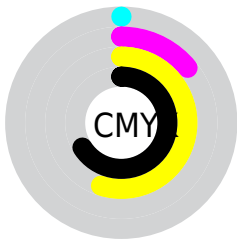
# Distribution



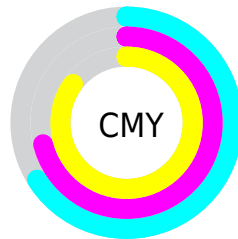
- Red (34%)
- Green (29%)
- Blue (15%)



- Red (22%)
- Yellow (34%)
- Blue (15%)



- Cyan (0%)
- Magenta (14%)
- Yellow (55%)
- Black (66%)



- Cyan (66%)
- Magenta (71%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 574B27 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 574B27 by changing the saturation by 10% instead.





574B27



574B27

FFFFFF



3F3412



8A7C55



291F00



A5956E



0C0800



C0B087



000000



DDCBA1



FAE7BD



FFFFD8



FFFFF5



574B27



574B27

■ 57491E

■ 574D30

■ 574716

■ 574F38

■ 57440D

■ 575241

■ 574204

■ 57544A

■ 574100

■ 575653

■ 57585B

■ 575A64

■ 575C6D

■ 575F75

# Harmonies

## Analogous

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



66452D



574B27



44502C

# Triad

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



574B27



00555E



63415E

# Complementary

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



574B27



273357

# 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.



4E476B



574B27



06526B

# Square

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



574B27



11554C



314E70



6E3D4C

# Rectangle

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



574B27



365334



314E70



5D4363



# Sweetspot

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



574B27



706B5D



572733



38352D



B8B8B8



383838



# Same Dimension

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



574B27



705E26



4B5727



2B2A27



6B5000



EBB000



# Inverse Universe

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



273357



263970



332757



27282B



001B6B



003BEB



# Previews

## White Background



This preview shows how the Hex color 574B27 looks on a white background.

## Color Contrast Check

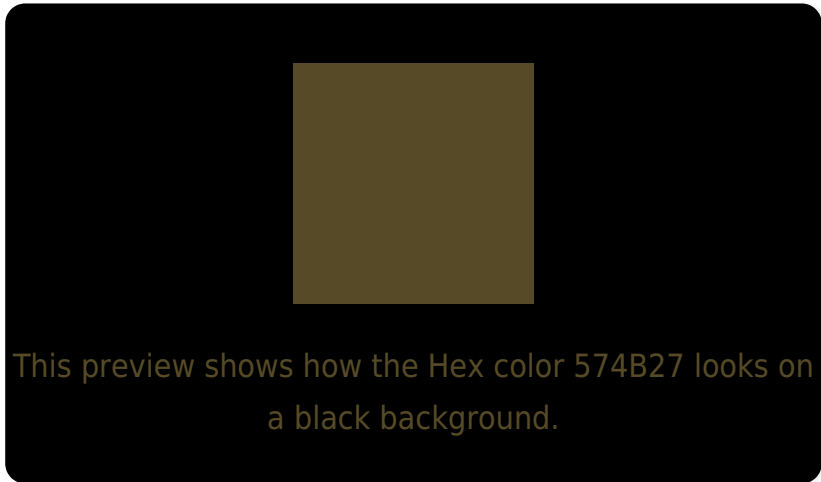
Large Text (above 18pt) WCAG AA ✓ Pass

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

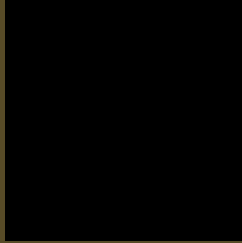
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 574B27 Background



This preview shows how black text looks on a background with the Hex color 574B27.

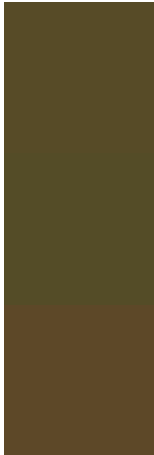


This preview shows how white text looks on a background with the Hex color 574B27.

# 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**  
574B27

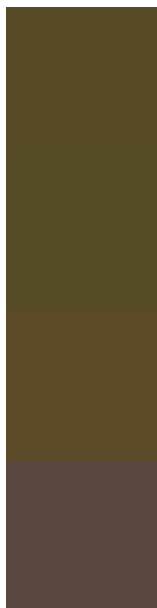
**Protanopia**  
544C27

**Deuteranopia**  
5D4828



**Tritanopia**  
5A474C

# Trichromacy



**Original Color**

574B27

**Protanomaly**

554C27

**Deuteranomaly**

5B4928

**Tritanomaly**

59483F

# Monochromacy



**Original Color**

574B27

**Achromatopsia**

4A4A4A

**Achromatomaly**

4F4A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 574B27 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 #574B27 looks like.

```
.text, #text, p{  
    color:#574B27  
}
```

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 #574B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574B27
}
```

## Border

The CSS property to change the border of an element to Hex 574B27 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
#574B27 }
```

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

```
.border{ border-color:#574B27 }
```

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

Here you see how a box with a 4 pixel #574B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574B27; -webkit-box-shadow:4px 4px  
4px 4px #574B27; box-shadow:4px 4px 4px  
4px #574B27 }
```

# Background

The CSS property to change the background color of an element to Hex 574B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574B27 }
```

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

```
.background{ background-color:#574B27 }
```

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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