

# Converting Colors

Hex(527842)

Have a look what the booklet for  
Hex(527842) contains.

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# Color

Hex(527842)

# Conversions

## Conversions Part 1

Format	Color
Hex	527842
RGB	82, 120, 66
RGB Percent	32%, 47%, 26%
CMY	0.6784, 0.5294, 0.7412
CMYK	0.32, 0.00, 0.45, 0.53
HSL	102°, 29%, 36%
HSV	102°, 45%, 47%
XYZ	11.1795, 15.6201, 7.5800
YIQ	102.4820, -5.3140, -24.8500

# Conversions

## Conversions Part 2

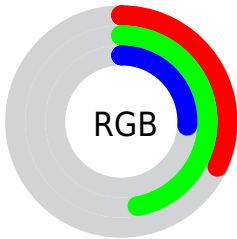
Format	Color
<a href="#">RYB</a>	<a href="#">66, 120, 104</a>
Decimal	<a href="#">5404738</a>
CIELab	<a href="#">46.47, -24.30, 25.44</a>
CIELCh	<a href="#">46, 35.175, 133.687</a>
Yxy	<a href="#">15.6201, 0.3252, 0.4543</a>
Android (android.graphics.Color)	<a href="#">4283594818 (0xFF527842)</a>
YUV	<a href="#">102.4820, -17.9856, -17.9627</a>
Hunter-Lab	<a href="#">39.5223, -18.6725, 16.2943</a>

# Details

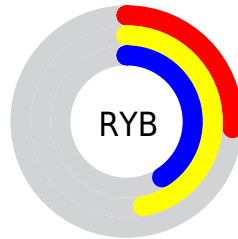
The Hex color **527842** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **684278**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **85AD73**, and **224715** is the 20% darker color. If you saturate the color by 10%, you get **4A7836**, and if you desaturate by 10%, it is **5A784E**.

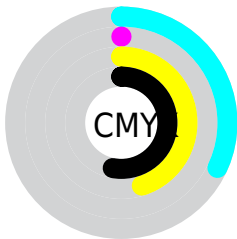
# Distribution



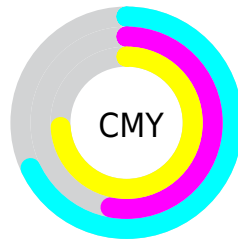
- Red (32%)
- Green (47%)
- Blue (26%)



- Red (26%)
- Yellow (47%)
- Blue (41%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)



- Cyan (68%)
- Magenta (53%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 527842 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 527842 by changing the saturation by 10% instead.



■ 527842

■ 527842

FFFFFF

■ 3A5F2B

■ 85AD73

■ 224715

■ A0C88D

■ 0B3000

■ BBE4A7

■ 001D00

■ D7FFC3

■ 000000

■ F4FFDF

■ FFFFFB

■ 527842

■ 527842

■ 4A7836

■ 5A784E

■ 41782A

■ 63785A

■ 39781E

■ 6B7866

■ 307812

■ 747872

■ 287806

■ 7C787E

■ 247800

■ 85788A

■ 8D7896

■ 9678A2

■ 9E78AE

# Harmonies

## Analogous

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



737133



527842



257C5D

# Triad

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



527842



0076A6



A65662

# Complementary

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



527842



684278

# 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.



9D587F



527842



566DA7

# Square

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



527842



007B96



826199



A05C47

# Rectangle

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



527842



007D71



826199



A5556C



# Sweetspot

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



527842



8C9C86



786842



464F42



CFCFCF



4F4F4F



# Same Dimension

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



527842



609C48



42784D



393D37



257D00



4BFC00



# Inverse Universe

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



684278



83489C



78426D



3B373D



58007D



B200FC



# Previews

## White Background



This preview shows how the Hex color 527842 looks on a white background.

## Color Contrast Check

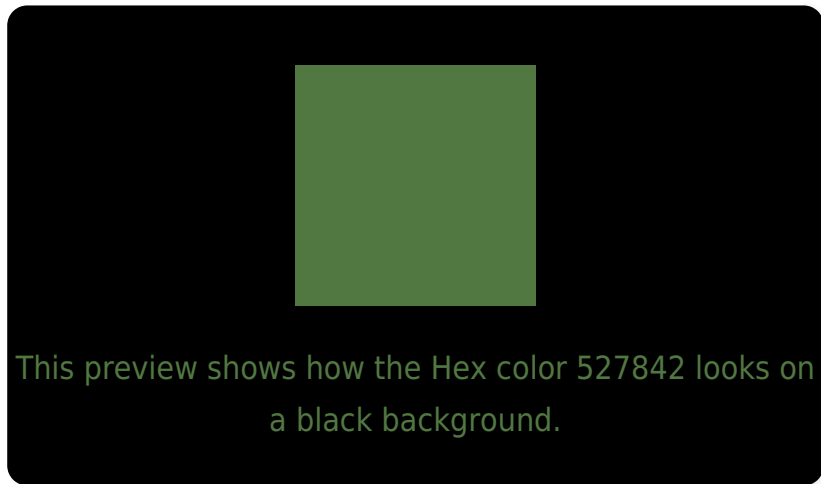
Large Text (above 18pt) WCAG AA ✓ Pass

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

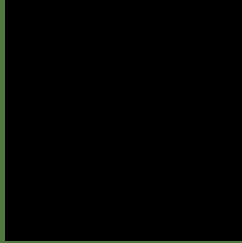
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 527842 Background



This preview shows how black text looks on a background with the Hex color 527842.



This preview shows how white text looks on a background with the Hex color 527842.

# 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**  
527842

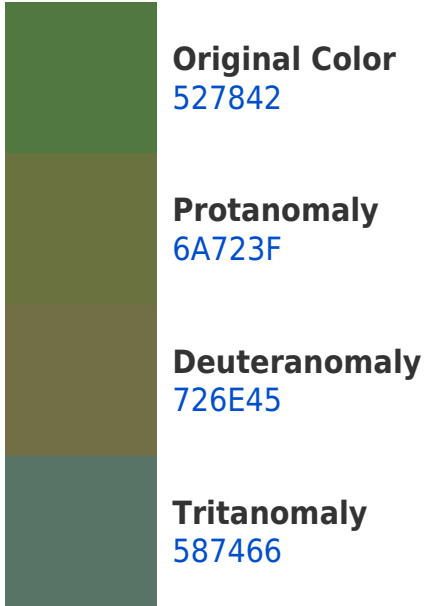
**Protanopia**  
786E3E

**Deuteranopia**  
846946

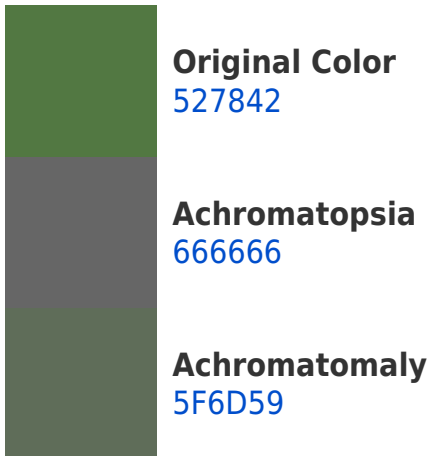


**Tritanopia**  
5B727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 527842 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 #527842 looks like.

```
.text, #text, p{  
    color:#527842  
}
```

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 #527842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527842
}
```

## Border

The CSS property to change the border of an element to Hex 527842 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".

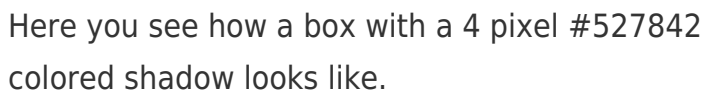
```
.border, #border, table{ border:4px solid
#527842 }
```

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

```
.border{ border-color:#527842 }
```

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

Here you see how a box with a 4 pixel #527842 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527842; -webkit-box-shadow:4px 4px  
4px 4px #527842; box-shadow:4px 4px 4px  
4px #527842 }
```

# Background

The CSS property to change the background color of an element to Hex 527842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527842 }
```

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

```
.background{ background-color:#527842 }
```

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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