

# Converting Colors

Hex(517B49)

Have a look what the booklet for  
Hex(517B49) contains.

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**Color**

**Hex(517B49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	517B49
RGB	81, 123, 73
RGB Percent	32%, 48%, 29%
CMY	0.6824, 0.5176, 0.7137
CMYK	0.34, 0.00, 0.41, 0.52
HSL	110°, 26%, 38%
HSV	110°, 41%, 48%
XYZ	11.6789, 16.3963, 8.8526
YIQ	104.7420, -8.9820, -24.4540

# Conversions

## Conversions Part 2

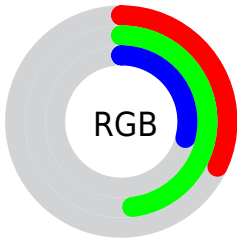
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 123, 115
Decimal	5339977
CIELab	47.49, -25.09, 22.82
CIElCh	47, 33.917, 137.708
Yxy	16.3963, 0.3163, 0.4440
Android (android.graphics.Color)	4283530057 (0xFF517B49)
YUV	104.7420, -15.6488, -20.8217
Hunter-Lab	40.4923, -19.3782, 15.3824

# Details

The Hex color **517B49** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73497B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **84B07A**, and **214A1C** is the 20% darker color. If you saturate the color by 10%, you get **477B3D**, and if you desaturate by 10%, it is **5B7B55**.

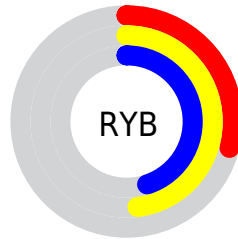
# Distribution



Red (32%)

Green (48%)

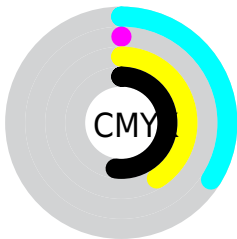
Blue (29%)



Red (29%)

Yellow (48%)

Blue (45%)

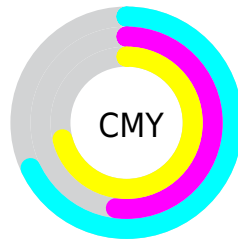


Cyan (34%)

Magenta (0%)

Yellow (41%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517B49 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 517B49 by changing the saturation by 10% instead.





517B49



517B49

FFFFFF



396232



84B07A



214A1C



9FCB94



073304



BAE8AF



001F00



D6FFCB



000000



F3FFE7



517B49



517B49



477B3D



5B7B55



3C7B30



667B62

 327B24

 707B6E

 287B18

 7A7B7A

 1D7B0B

 857B87

 147B00

 8F7B93

 997B9F

 A47BAB

 AE7BB8

# Harmonies

## Analogous

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



727439



517B49



257F64

# Triad

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



517B49



2477A8



A75A61

# Complementary

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



517B49



73497B

# 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.



A05B7E



517B49



616EA7

# Square

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



517B49



007D9A



886397



A06148

# Rectangle

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



517B49



007F77



886397



A7596A



# Sweetspot

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



517B49



90A18D



7B7349



485246



D1D1D1



525252



# Same Dimension

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



517B49



5FA152



497B5A



383D37



147D00



28FC00



# Inverse Universe

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



73497B



9452A1



7B496A



3C373D



69007D



D400FC



# Previews

## White Background



This preview shows how the Hex color 517B49 looks on a white background.

## Color Contrast Check

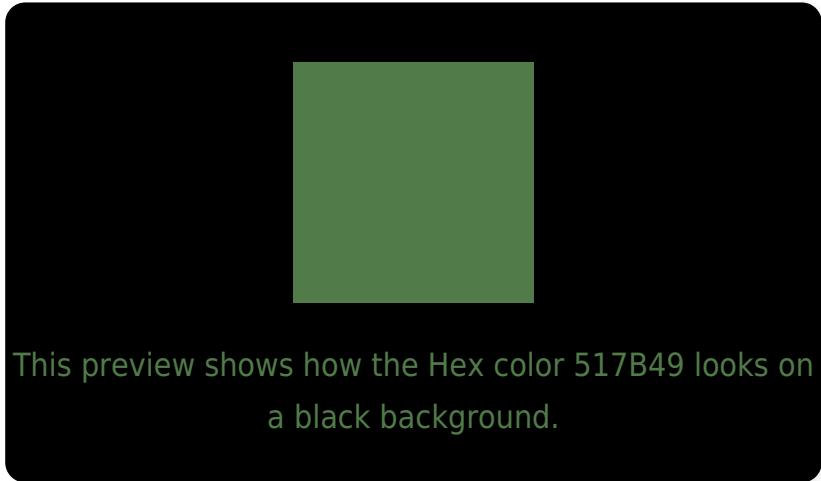
Large Text (above 18pt) WCAG AA ✓ Pass

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

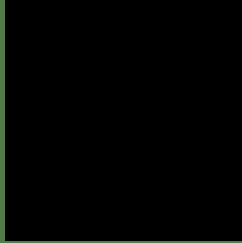
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 517B49 Background



This preview shows how black text looks on a background with the Hex color 517B49.



This preview shows how white text looks on a background with the Hex color 517B49.

# 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**  
517B49

**Protanopia**  
7B7045

**Deuteranopia**  
866B4D



**Tritanopia**  
5A757E

# Trichromacy



**Original Color**  
517B49

**Protanomaly**  
6C7446

**Deuteranomaly**  
73714C

**Tritanomaly**  
57776B

# Monochromacy



**Original Color**  
517B49

**Achromatopsia**  
696969

**Achromatomaly**  
60705D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517B49 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 #517B49 looks like.

```
.text, #text, p{  
    color:#517B49  
}
```

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 #517B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517B49
}
```

## Border

The CSS property to change the border of an element to Hex 517B49 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
#517B49 }
```

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

```
.border{ border-color:#517B49 }
```

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

Here you see how a box with a 4 pixel #517B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517B49; -webkit-box-shadow:4px 4px  
4px 4px #517B49; box-shadow:4px 4px 4px  
4px #517B49 }
```

# Background

The CSS property to change the background color of an element to Hex 517B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517B49 }
```

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

```
.background{ background-color:#517B49 }
```

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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