

# Converting Colors

Hex(517645)

Have a look what the booklet for  
Hex(517645) contains.

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# Color

Hex(517645)

# Conversions

## Conversions Part 1

Format	Color
Hex	517645
RGB	81, 118, 69
RGB Percent	32%, 46%, 27%
CMY	0.6824, 0.5373, 0.7294
CMYK	0.31, 0.00, 0.42, 0.54
HSL	105°, 26%, 37%
HSV	105°, 42%, 46%
XYZ	10.9460, 15.1359, 7.9748
YIQ	101.3510, -6.3230, -23.0830

# Conversions

## Conversions Part 2

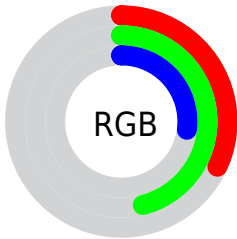
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 118, 106
Decimal	5338693
CIELab	45.82, -23.20, 22.91
CIELCh	46, 32.604, 135.367
Yxy	15.1359, 0.3214, 0.4444
Android (android.graphics.Color)	4283528773 (0xFF517645)
YUV	101.3510, -15.9490, -17.8478
Hunter-Lab	38.9048, -17.8622, 15.0800

# Details

The Hex color **517645** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A4576**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **84AA76**, and **214518** is the 20% darker color. If you saturate the color by 10%, you get **487639**, and if you desaturate by 10%, it is **5A7651**.

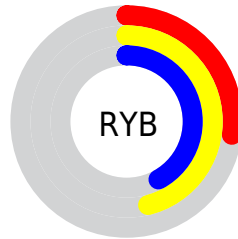
# Distribution



Red (32%)

Green (46%)

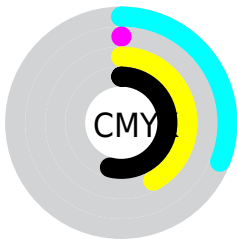
Blue (27%)



Red (27%)

Yellow (46%)

Blue (42%)

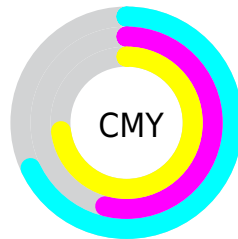


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (54%)



Cyan (68%)

Magenta (54%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517645 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 517645 by changing the saturation by 10% instead.



■ 517645

■ 517645

FFFFFF

■ 395D2E

■ 84AA76

■ 214518

■ 9EC690

■ 0B2F00

■ BAE2AA

■ 001C00

■ D6FFC6

■ 000000

■ F2FFE2

■ 517645

■ 517645

■ 487639

■ 5A7651

■ 3F762D

■ 63765D

 367622

 6C7668

 2D7616

 757674

 24760A

 7E7680

 1D7600

 86768C

 8F7698

 9876A3

 A176AF

# Harmonies

## Analogous

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



706F36



517645



297A5E

# Triad

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



517645



1E73A1



A1575F

# Complementary

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



517645



6A4576

# 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.



99587B



517645



5A6AA1

# Square

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



517645



007993



816093



9A5D47

# Rectangle

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



517645



007B71



816093



A05669



# Sweetspot

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



517645



8B9987



766A45



444D42



CCCCCC



4D4D4D



# Same Dimension

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



517645



5F994D



457651



363B35



1E7A00



3DFA00



# Inverse Universe

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



6A4576



864D99



76456A



39353B



5C007A



BD00FA



# Previews

## White Background



This preview shows how the Hex color 517645 looks on a white background.

## Color Contrast Check

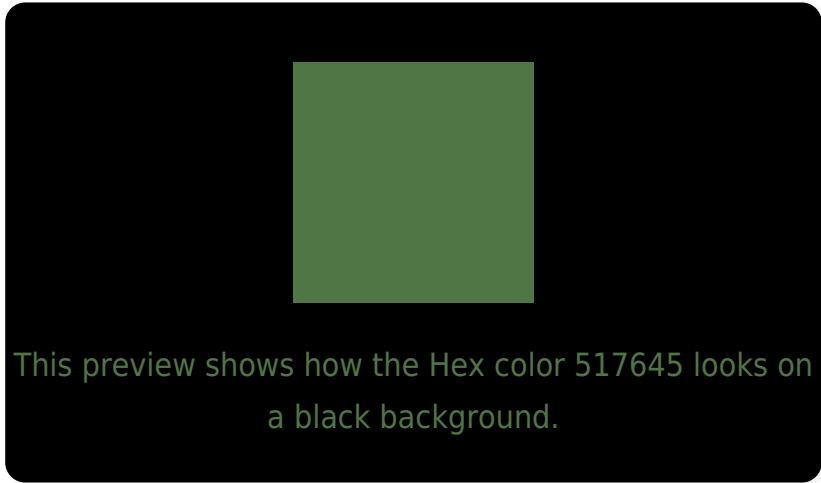
Large Text (above 18pt) WCAG AA ✓ Pass

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 517645 Background



This preview shows how black text looks on a background with the Hex color 517645.



This preview shows how white text looks on a background with the Hex color 517645.

# 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**  
517645

**Protanopia**  
766C41

**Deuteranopia**  
826748



**Tritanopia**  
5A7079

# Trichromacy



**Original Color**  
517645

**Protanomaly**  
697042

**Deuteranomaly**  
706C47

**Tritanomaly**  
577266

# Monochromacy



**Original Color**  
517645

**Achromatopsia**  
656565

**Achromatomaly**  
5E6B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517645 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 #517645 looks like.

```
.text, #text, p{  
    color:#517645  
}
```

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 #517645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517645
}
```

## Border

The CSS property to change the border of an element to Hex 517645 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".

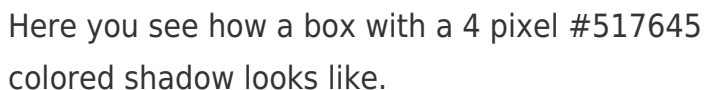
```
.border, #border, table{ border:4px solid
#517645 }
```

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

```
.border{ border-color:#517645 }
```

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

Here you see how a box with a 4 pixel #517645 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517645; -webkit-box-shadow:4px 4px  
4px 4px #517645; box-shadow:4px 4px 4px  
4px #517645 }
```

# Background

The CSS property to change the background color of an element to Hex 517645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517645 }
```

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

```
.background{ background-color:#517645 }
```

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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