

# Converting Colors

Hex(517F38)

Have a look what the booklet for  
Hex(517F38) contains.

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# Color

Hex(517F38)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	517F38
RGB	81, 127, 56
RGB Percent	32%, 50%, 22%
CMY	0.6824, 0.5020, 0.7804
CMYK	0.36, 0.00, 0.56, 0.50
HSL	99°, 39%, 36%
HSV	99°, 56%, 50%
XYZ	11.6965, 17.2136, 6.4475
YIQ	105.1520, -4.6250, -31.8330

# Conversions

## Conversions Part 2

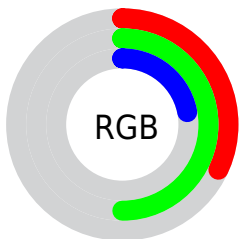
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 127, 102
Decimal	5340984
CIELab	48.53, -29.44, 33.30
CIELCh	49, 44.447, 131.477
Yxy	17.2136, 0.3308, 0.4868
Android (android.graphics.Color)	4283531064 (0xFF517F38)
YUV	105.1520, -24.2319, -21.1813
Hunter-Lab	41.4893, -22.2841, 19.8288

# Details

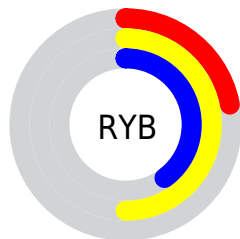
The Hex color **517F38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66387F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **85B469**, and **1E4D07** is the 20% darker color. If you saturate the color by 10%, you get **497F2B**, and if you desaturate by 10%, it is **597F45**.

# Distribution



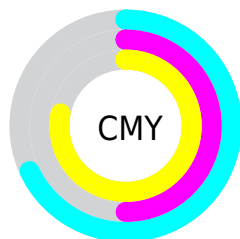
- Red (32%)
- Green (50%)
- Blue (22%)



- Red (22%)
- Yellow (50%)
- Blue (40%)



- Cyan (36%)
- Magenta (0%)
- Yellow (56%)
- Black (50%)



- Cyan (68%)
- Magenta (50%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 517F38 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 517F38 by changing the saturation by 10% instead.





517F38



517F38

FFFFFF



386620



85B469



1E4D07



A0D083



053600



BCEC9D



002200



D8FFB9



000000



F5FFD4



FFFFFF1



517F38



517F38



497F2B



597F45

■ 417F1F

■ 617F51

■ 387F12

■ 6A7F5E

■ 307F05

■ 727F6B

■ 2D7F00

■ 7A7F78

■ 827F84

■ 8B7F91

■ 937F9E

■ 9B7FAA

# Harmonies

## Analogous

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



7A7624



517F38



00845A

# Triad

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



517F38



007EBA



B95266

# Complementary

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



517F38



66387F

# 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.



AC568C



517F38



4972BD

# Square

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



517F38



0084A4



8863AC



B25B43

# Rectangle

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



517F38



008674



8863AC



B75173



# Sweetspot

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



517F38



93A68A



7F6538



495443



D4D4D4



545454



# Same Dimension

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



517F38



5EA637



387F41



3C4039



2D8000



000000



# Inverse Universe

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



66387F



7F37A6



7F3876



3E3940



530080



000000



# Previews

## White Background



This preview shows how the Hex color 517F38 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 517F38 Background



This preview shows how black text looks on a background with the Hex color 517F38.

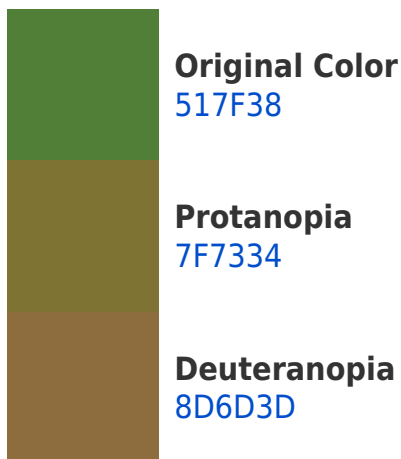


This preview shows how white text looks on a background with the Hex color 517F38.

# 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





**Tritanopia**  
5D7781

# Trichromacy



**Original Color**  
517F38

**Protanomaly**  
6E7735

**Deuteranomaly**  
77743B

**Tritanomaly**  
597A66

# Monochromacy



**Original Color**  
517F38

**Achromatopsia**  
696969

**Achromatomaly**  
607157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517F38 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 #517F38 looks like.

```
.text, #text, p{  
    color:#517F38  
}
```

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 #517F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517F38
}
```

## Border

The CSS property to change the border of an element to Hex 517F38 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".

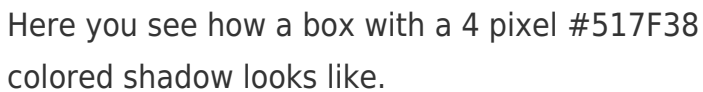
```
.border, #border, table{ border:4px solid
#517F38 }
```

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

```
.border{ border-color:#517F38 }
```

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

Here you see how a box with a 4 pixel #517F38 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #517F38.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517F38; -webkit-box-shadow:4px 4px  
4px 4px #517F38; box-shadow:4px 4px 4px  
4px #517F38 }
```

# Background

The CSS property to change the background color of an element to Hex 517F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517F38 }
```

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

```
.background{ background-color:#517F38 }
```

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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