

# Converting Colors

Hex(517F52)

Have a look what the booklet for  
Hex(517F52) contains.

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# Color

Hex(517F52)

# Conversions

## Conversions Part 1

Format	Color
Hex	517F52
RGB	81, 127, 82
RGB Percent	32%, 50%, 32%
CMY	0.6824, 0.5020, 0.6784
CMYK	0.36, 0.00, 0.35, 0.50
HSL	121°, 22%, 41%
HSV	121°, 36%, 50%
XYZ	12.5057, 17.5373, 10.7086
YIQ	108.1160, -12.9710, -23.7470

# Conversions

## Conversions Part 2

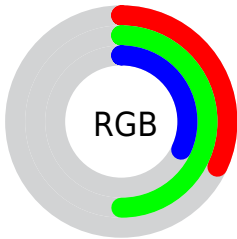
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 126, 127
Decimal	5341010
CIELab	48.93, -25.56, 19.63
CIELCh	49, 32.230, 142.479
Yxy	17.5373, 0.3069, 0.4303
Android (android.graphics.Color)	4283531090 (0xFF517F52)
YUV	108.1160, -12.8752, -23.7807
Hunter-Lab	41.8775, -19.9810, 14.1531

# Details

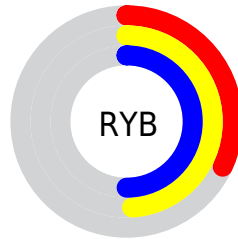
The Hex color **517F52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F517E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **84B484**, and **204D24** is the 20% darker color. If you saturate the color by 10%, you get **447F46**, and if you desaturate by 10%, it is **5E7F5E**.

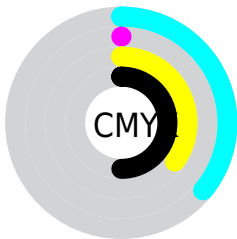
# Distribution



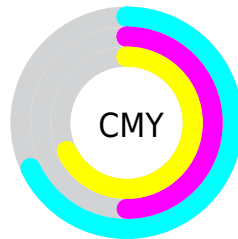
- Red (32%)
- Green (50%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (50%)




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

# Brightness & Saturation Gradients

These gradients show how the Hex color 517F52 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 517F52 by changing the saturation by 10% instead.



 517F52

 517F52

FFFFFF

 38663B

 84B484

 204D24

 9FD09E

 05360F


 BAECB9

 002100

 D6FFD5

 000000

 F3FFF1

 517F52

 517F52

 447F46

 5E7F5E

 387F39


 6A7F6B


 2B7F2D

 777F77

 1E7F20

 847F84

 117F14

 917F90

 057F07

 9D7F9D

 007F03

 AA7FA9

 B77FB5

 C37FC2

# Harmonies

## Analogous

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



717941



517F52



28826C

# Triad

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



517F52



3B79AA



A96061

# Complementary

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



517F52



7F517E

# 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.



A45F7C



517F52



6D70A7

# Square

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



517F52



007F9F



906696



9F674A

# Rectangle

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



517F52



00837F



906696



A95E6A



# Sweetspot

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



517F52



94A694



7E7F51



495449



D4D4D4



545454



# Same Dimension

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



517F52



5EA660



517F69



39403A



008003



000000



# Inverse Universe

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



7F517E



A65EA4



7F5167



403940



80007D



000000



# Previews

## White Background



This preview shows how the Hex color 517F52 looks on a white background.

## Color Contrast Check

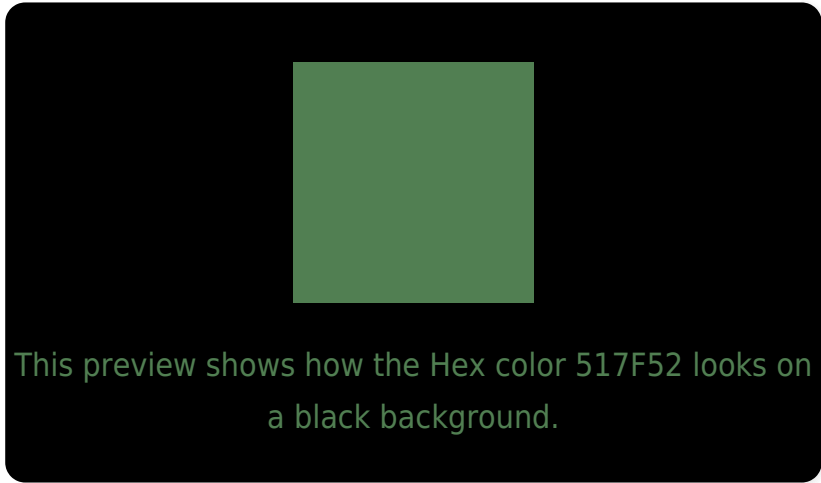
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

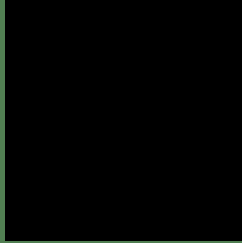
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 517F52 Background



This preview shows how black text looks on a background with the Hex color 517F52.



This preview shows how white text looks on a background with the Hex color 517F52.

# 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**  
517F52

**Protanopia**  
7E744D

**Deuteranopia**  
896F56



**Tritanopia**  
5A7983

# Trichromacy



**Original Color**  
517F52

**Protanomaly**  
6E784F

**Deuteranomaly**  
757555

**Tritanomaly**  
577B71

# Monochromacy



**Original Color**  
517F52

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
627363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 517F52 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 #517F52 looks like.

```
.text, #text, p{  
    color:#517F52  
}
```

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 #517F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517F52
}
```

## Border

The CSS property to change the border of an element to Hex 517F52 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
#517F52 }
```

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

```
.border{ border-color:#517F52 }
```

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

Here you see how a box with a 4 pixel #517F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517F52; -webkit-box-shadow:4px 4px  
4px 4px #517F52; box-shadow:4px 4px 4px  
4px #517F52 }
```

# Background

The CSS property to change the background color of an element to Hex 517F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517F52 }
```

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

```
.background{ background-color:#517F52 }
```

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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