

# Converting Colors

Hex(5C775A)

Have a look what the booklet for  
Hex(5C775A) contains.

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# Color

Hex(5C775A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C775A
RGB	92, 119, 90
RGB Percent	36%, 47%, 35%
CMY	0.6392, 0.5333, 0.6471
CMYK	0.23, 0.00, 0.24, 0.53
HSL	116°, 14%, 41%
HSV	116°, 24%, 47%
XYZ	12.8559, 16.2071, 12.1236
YIQ	107.6210, -6.7830, -14.7430

# Conversions

## Conversions Part 2

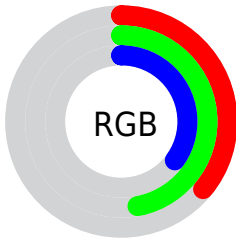
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 119, 117
Decimal	6059866
CIE Lab	47.25, -15.95, 12.83
CIE LCh	47, 20.466, 141.193
Yxy	16.2071, 0.3121, 0.3935
Android (android.graphics.Color)	4284249946 (0xFF5C775A)
YUV	107.6210, -8.6872, -13.6996
Hunter-Lab	40.2581, -13.4499, 10.3257

# Details

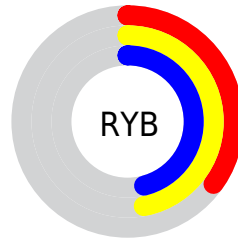
The Hex color **5C775A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **755A77**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8FAB8C**, and **2D462C** is the 20% darker color. If you saturate the color by 10%, you get **51774E**, and if you desaturate by 10%, it is **677766**.

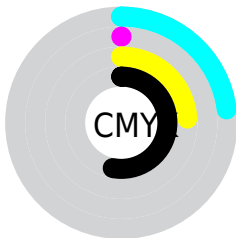
# Distribution



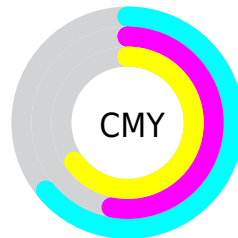
- Red (36%)
- Green (47%)
- Blue (35%)



- Red (35%)
- Yellow (47%)
- Blue (46%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C775A 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 5C775A by changing the saturation by 10% instead.



 5C775A

 5C775A

FFFFFF

 445E42

 8FAB8C

 2D462C

 A9C7A7

 173017

 C5E3C2

 001C00


 E1FFDE

 000000

 FEFFFA

 5C775A

 5C775A

 51774E

 677766

 467742

 727772

 3B7736

 7D777E

 30772A

 88778A

 25771E

 937795

 1A7713

 9E77A1

 0E7707

 AA77AD

 087700

 B577B9

 C077C5

# Harmonies

## Analogous

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



707350



5C775A



49796A

# Triad

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



5C775A



537392



936464

# Complementary

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



5C775A



755A77

# 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.



8F6476



5C775A



6C6D90

# Square

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



5C775A



3F778A



816886



8E6856

# Rectangle

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



5C775A



3F7A76



816886



93636A



# Sweetspot

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



5C775A



919C91



77755A



494F49



CFCFCF



4F4F4F



# Same Dimension

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



5C775A



729C6E



5A7766



353B35



087A00



11FA00



# Inverse Universe

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



755A77



986E9C



775A6B



3A353B



72007A

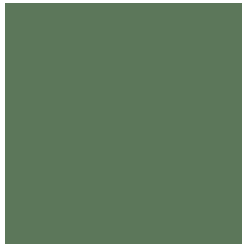


E900FA



# Previews

## White Background



This preview shows how the Hex color 5C775A looks on a white background.

## Color Contrast Check

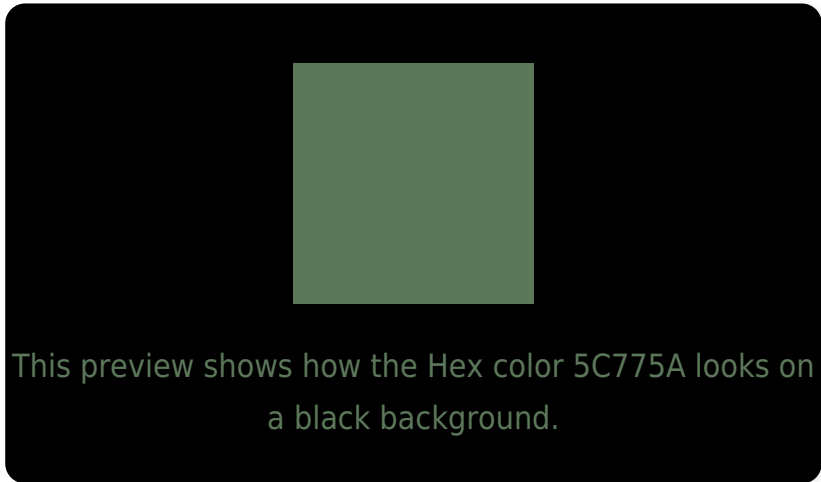
Large Text (above 18pt) WCAG AA ✓ Pass

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

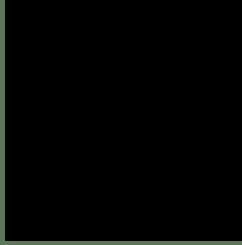
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C775A Background



This preview shows how black text looks on a background with the Hex color 5C775A.



This preview shows how white text looks on a background with the Hex color 5C775A.

# 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](#).

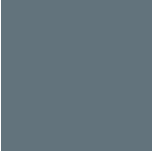
## Dichromacy



**Original Color**  
5C775A

**Protanopia**  
777057

**Deuteranopia**  
816B5C



**Tritanopia**  
62737C

# Trichromacy



**Original Color**  
5C775A

**Protanomaly**  
6D7358

**Deuteranomaly**  
746F5B

**Tritanomaly**  
607470

# Monochromacy



**Original Color**  
5C775A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
667065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C775A 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 #5C775A looks like.

```
.text, #text, p{  
    color:#5C775A  
}
```

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 #5C775A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C775A
}
```

## Border

The CSS property to change the border of an element to Hex 5C775A 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
#5C775A }
```

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

```
.border{ border-color:#5C775A }
```

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

Here you see how a box with a 4 pixel #5C775A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C775A; -webkit-box-shadow:4px 4px  
4px 4px #5C775A; box-shadow:4px 4px 4px  
4px #5C775A }
```

# Background

The CSS property to change the background color of an element to Hex 5C775A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C775A }
```

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

```
.background{ background-color:#5C775A }
```

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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