

Converting Colors

Hex(5D7C48)

Have a look what the booklet for
Hex(5D7C48) contains.

Hex(5D7C48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D7C48)

Conversions

Conversions Part 1

Format	Color
Hex	5D7C48
RGB	93, 124, 72
RGB Percent	36%, 49%, 28%
CMY	0.6353, 0.5137, 0.7176
CMYK	0.25, 0.00, 0.42, 0.51
HSL	96°, 27%, 38%
HSV	96°, 42%, 49%
XYZ	12.8916, 17.2103, 8.7734
YIQ	108.8030, -1.7840, -22.7440

Conversions

Conversions Part 2

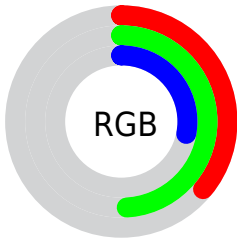
Format	Color
RYB	72, 124, 103
Decimal	6126664
CIELab	48.52, -21.22, 24.86
CIELCh	49, 32.691, 130.483
Yxy	17.2103, 0.3316, 0.4427
Android (android.graphics.Color)	4284316744 (0xFF5D7C48)
YUV	108.8030, -18.1439, -13.8592
Hunter-Lab	41.4853, -17.1306, 16.5010

Details

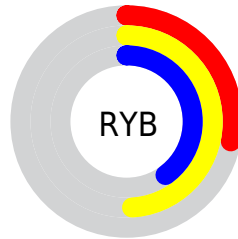
The Hex color **5D7C48** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **67487C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **90B179**, and **2D4B1B** is the 20% darker color. If you saturate the color by 10%, you get **567C3C**, and if you desaturate by 10%, it is **647C54**.

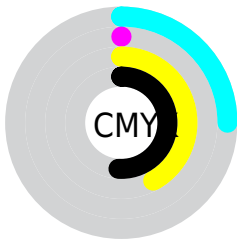
Distribution



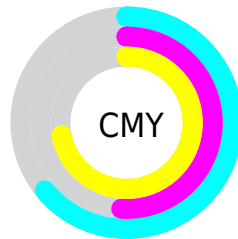
- Red (36%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (40%)



- Cyan (25%)
- Magenta (0%)
- Yellow (42%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7C48 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 5D7C48 by changing the saturation by 10% instead.



5D7C48



5D7C48

FFFFFF



456331



90B179



2D4B1B



ABCC93



163402



C7E8AE



001F00



E3FFCA



000000



FFFFE6



5D7C48



5D7C48



567C3C



647C54



4E7C2F



6C7C61

 477C23

 737C6D

 3F7C16

 7B7C7A

 387C0A

 827C86

 327C00

 897C92

 917C9F

 987CAB

 A07CB8

Harmonies

Analogous

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



7B753C



5D7C48



388060

Triad

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



5D7C48



1B7BA7



A85D6A

Complementary

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



5D7C48



67487C

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.



9D6086



5D7C48



5973A9

Square

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



5D7C48



008096



83689D



A46251

Rectangle

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



5D7C48



118273



83689D



A65D74

Sweetspot

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



5D7C48



94A18C



7C6648



4A5245



D1D1D1



525252

Same Dimension

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



5D7C48



71A150



487C4C



3A3D37



327D00



66FC00

Inverse Universe

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



67487C



8050A1



7C4878



3B373D



4A007D



9600FC

Previews

White Background



This preview shows how the Hex color 5D7C48 looks on a white background.

Color Contrast Check

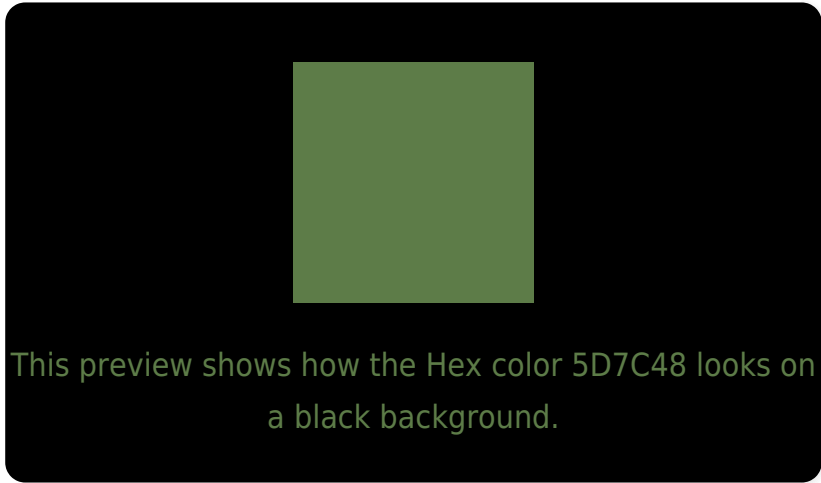
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D7C48 Background



This preview shows how black text looks on a background with the Hex color 5D7C48.



This preview shows how white text looks on a background with the Hex color 5D7C48.

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](#).

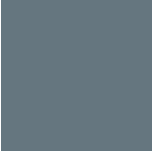
Dichromacy



Original Color
5D7C48

Protanopia
7E7345

Deuteranopia
8A6E4B



Tritanopia
65767F

Trichromacy



Original Color
5D7C48

Protanomaly
727646

Deuteranomaly
7A734A

Tritanomaly
62786B

Monochromacy



Original Color
5D7C48

Achromatopsia
6D6D6D

Achromatomaly
677260

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7C48 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 #5D7C48 looks like.

```
.text, #text, p{  
    color:#5D7C48  
}
```

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 #5D7C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7C48
}
```

Border

The CSS property to change the border of an element to Hex 5D7C48 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
#5D7C48 }
```

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

```
.border{ border-color:#5D7C48 }
```

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

Here you see how a box with a 4 pixel #5D7C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7C48; -webkit-box-shadow:4px 4px  
4px 4px #5D7C48; box-shadow:4px 4px 4px  
4px #5D7C48 }
```

Background

The CSS property to change the background color of an element to Hex 5D7C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7C48 }
```

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

```
.background{ background-color:#5D7C48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor