

Converting Colors

Hex(5D6B47)

Have a look what the booklet for
Hex(5D6B47) contains.

Hex(5D6B47)	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(5D6B47)

Conversions

Conversions Part 1

Format	Color
Hex	5D6B47
RGB	93, 107, 71
RGB Percent	36%, 42%, 28%
CMY	0.6353, 0.5804, 0.7216
CMYK	0.13, 0.00, 0.34, 0.58
HSL	83°, 20%, 35%
HSV	83°, 34%, 42%
XYZ	10.9092, 13.2975, 7.9529
YIQ	98.7100, 3.2120, -14.1640

Conversions

Conversions Part 2

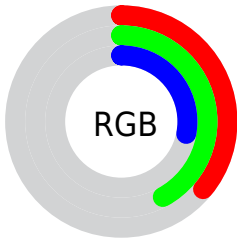
Format	Color
RYB	71, 107, 85
Decimal	6122311
CIELab	43.21, -12.22, 18.48
CIElCh	43, 22.154, 123.468
Yxy	13.2975, 0.3392, 0.4135
Android (android.graphics.Color)	4284312391 (0xFF5D6B47)
YUV	98.7100, -13.6610, -5.0077
Hunter-Lab	36.4657, -10.4142, 12.5952

Details

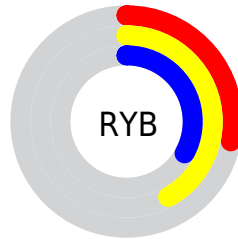
The Hex color **5D6B47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55476B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **909E78**, and **2E3C1B** is the 20% darker color. If you saturate the color by 10%, you get **596B3C**, and if you desaturate by 10%, it is **616B52**.

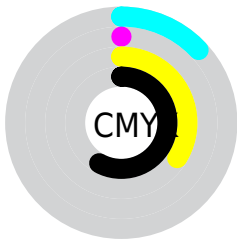
Distribution



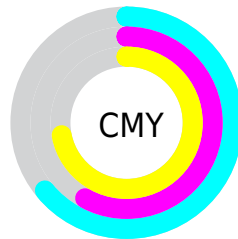
- Red (36%)
- Green (42%)
- Blue (28%)



- Red (28%)
- Yellow (42%)
- Blue (33%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6B47 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 5D6B47 by changing the saturation by 10% instead.



5D6B47



5D6B47

FFFFFF



455330



909E78



2E3C1B



AAB992



1A2602



C6D5AC



001300



E2F1C8



000000



FFFFE4



5D6B47



5D6B47



596B3C



616B52



556B32



656B5C

■ 516B27

■ 696B67

■ 4C6B1C

■ 6E6B72

■ 486B11

■ 726B7D

■ 446B07

■ 766B87

■ 416B00

■ 7A6B92

■ 7E6B9D

■ 826BA7

Harmonies

Analogous

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



716641



5D6B47



476F55

Triad

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



5D6B47



366C86



895865

Complementary

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



5D6B47



55476B

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.



7F5B77



5D6B47



51678A

Square

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



5D6B47



286F7A



6B6185



895A53

Rectangle

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



5D6B47



397061



6B6185



87596B

Sweetspot

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



5D6B47



878C7E



6B5547



44473F



C7C7C7



474747

Same Dimension

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



5D6B47



768C54



4B6B47



333630



487500



96F500

Inverse Universe

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



55476B



6A548C



67476B



323036



2E0075



5F00F5

Previews

White Background



This preview shows how the Hex color 5D6B47 looks on a white background.

Color Contrast Check

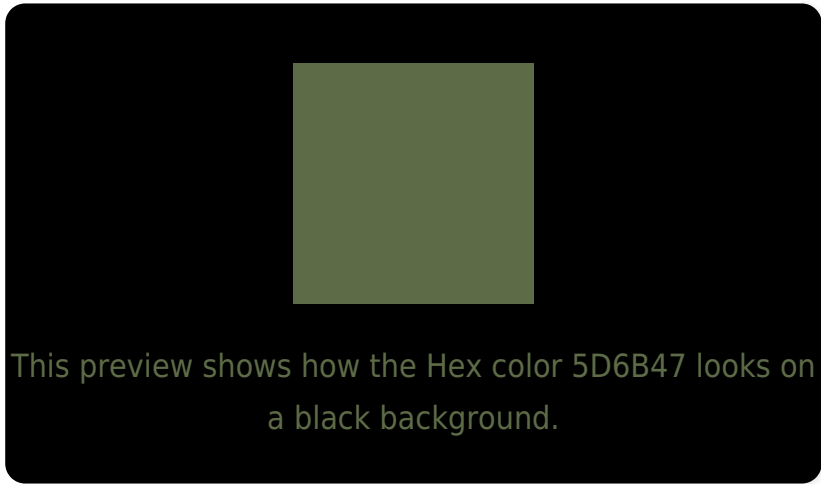
Large Text (above 18pt) WCAG AA ✓ Pass

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

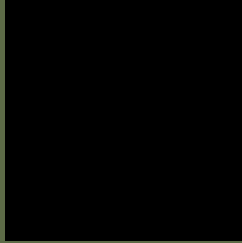
Any Text WCAG AA × Fail

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 5D6B47 Background



This preview shows how black text looks on a background with the Hex color 5D6B47.



This preview shows how white text looks on a background with the Hex color 5D6B47.

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
5D6B47

Protanopia
6E6645

Deuteranopia
796249



Tritanopia
62666E

Trichromacy



Original Color
5D6B47

Protanomaly
686846

Deuteranomaly
6F6548

Tritanomaly
606860

Monochromacy



Original Color
5D6B47

Achromatopsia
636363

Achromatomaly
616659

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6B47 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 #5D6B47 looks like.

```
.text, #text, p{  
    color:#5D6B47  
}
```

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 #5D6B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6B47
}
```

Border

The CSS property to change the border of an element to Hex 5D6B47 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
#5D6B47 }
```

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

```
.border{ border-color:#5D6B47 }
```

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

Here you see how a box with a 4 pixel #5D6B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6B47; -webkit-box-shadow:4px 4px  
4px 4px #5D6B47; box-shadow:4px 4px 4px  
4px #5D6B47 }
```

Background

The CSS property to change the background color of an element to Hex 5D6B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6B47 }
```

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

```
.background{ background-color:#5D6B47 }
```

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