

Converting Colors

Hex(5D6F47)

Have a look what the booklet for
Hex(5D6F47) contains.

Hex(5D6F47)	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(5D6F47)

Conversions

Conversions Part 1

Format	Color
Hex	5D6F47
RGB	93, 111, 71
RGB Percent	36%, 44%, 28%
CMY	0.6353, 0.5647, 0.7216
CMYK	0.16, 0.00, 0.36, 0.56
HSL	87°, 22%, 36%
HSV	87°, 36%, 44%
XYZ	11.3360, 14.1510, 8.0952
YIQ	101.0580, 2.1120, -16.2560

Conversions

Conversions Part 2

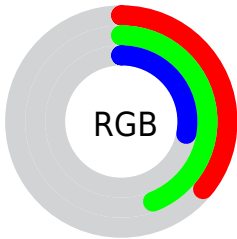
Format	Color
RYB	71, 111, 89
Decimal	6123335
CIELab	44.45, -14.44, 20.12
CIELCh	44, 24.767, 125.655
Yxy	14.1510, 0.3376, 0.4214
Android (android.graphics.Color)	4284313415 (0xFF5D6F47)
YUV	101.0580, -14.8186, -7.0669
Hunter-Lab	37.6178, -12.0408, 13.5735

Details

The Hex color **5D6F47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59476F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **90A378**, and **2E3F1B** is the 20% darker color. If you saturate the color by 10%, you get **586F3C**, and if you desaturate by 10%, it is **626F52**.

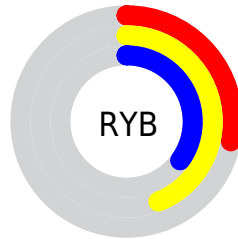
Distribution



Red (36%)

Green (44%)

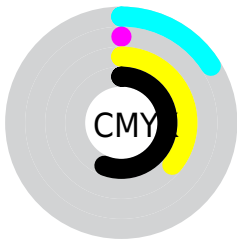
Blue (28%)



Red (28%)

Yellow (44%)

Blue (35%)

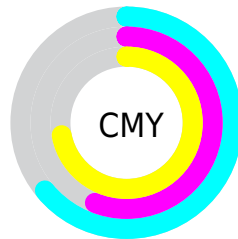


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6F47 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 5D6F47 by changing the saturation by 10% instead.

■ 5D6F47

■ 5D6F47

FFFFFF

■ 455730

■ 90A378

■ 2E3F1B

■ ABBE92

■ 192902

■ C6DAAC

■ 001600

■ E2F6C8

■ 000000

■ FFFFE4

■ 5D6F47

■ 5D6F47

■ 586F3C

■ 626F52

■ 536F31

■ 676F5D

■ 4E6F26

■ 6C6F68

■ 496F1B

■ 716F73

■ 446F10

■ 766F7E

■ 3F6F04

■ 7B6F8A

■ 3D6F00

■ 806F95

■ 856FA0

■ 8A6FAB

Harmonies

Analogous

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



736940



5D6F47



447357

Triad

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



5D6F47



31708E



915966

Complementary

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



5D6F47



59476F

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.



865C7A



5D6F47



536A92

Square

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



5D6F47



1C7380



71628B



905C52

Rectangle

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



5D6F47



337465



71628B



8F5A6D

Sweetspot

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



5D6F47



8A9181



6F5947



464A40



C9C9C9



4A4A4A

Same Dimension

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



5D6F47



759153



496F47



363832



427800



88F700

Inverse Universe

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



59476F



6F5391



6D476F



353238



360078



6F00F7

Previews

White Background



This preview shows how the Hex color 5D6F47 looks on a white background.

Color Contrast Check

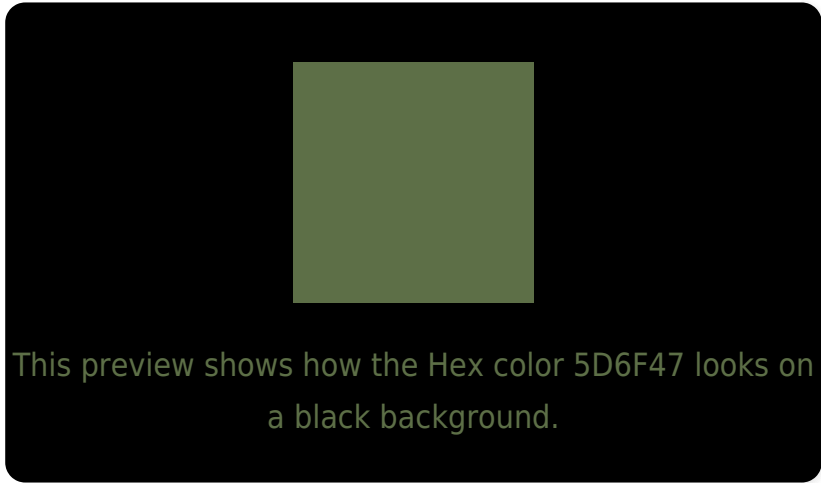
Large Text (above 18pt) WCAG AA ✓ Pass

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

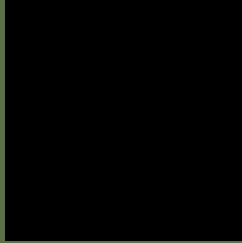
Any Text WCAG AA × Fail

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 5D6F47 Background



This preview shows how black text looks on a background with the Hex color 5D6F47.



This preview shows how white text looks on a background with the Hex color 5D6F47.

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](#).

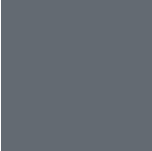
Dichromacy



Original Color
5D6F47

Protanopia
726945

Deuteranopia
7D6449



Tritanopia
636A72

Trichromacy



Original Color
5D6F47

Protanomaly
6A6B46

Deuteranomaly
716848

Tritanomaly
616C62

Monochromacy



Original Color
5D6F47

Achromatopsia
656565

Achromatomaly
62695A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6F47 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 #5D6F47 looks like.

```
.text, #text, p{  
    color:#5D6F47  
}
```

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 #5D6F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6F47
}
```

Border

The CSS property to change the border of an element to Hex 5D6F47 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
#5D6F47 }
```

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

```
.border{ border-color:#5D6F47 }
```

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

Here you see how a box with a 4 pixel #5D6F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6F47; -webkit-box-shadow:4px 4px  
4px 4px #5D6F47; box-shadow:4px 4px 4px  
4px #5D6F47 }
```

Background

The CSS property to change the background color of an element to Hex 5D6F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6F47 }
```

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

```
.background{ background-color:#5D6F47 }
```

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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