

Converting Colors

Hex(5F6A51)

Have a look what the booklet for
Hex(5F6A51) contains.

Hex(5F6A51)	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(5F6A51)

Conversions

Conversions Part 1

Format	Color
Hex	5F6A51
RGB	95, 106, 81
RGB Percent	37%, 42%, 32%
CMY	0.6275, 0.5843, 0.6824
CMYK	0.10, 0.00, 0.24, 0.58
HSL	86°, 13%, 37%
HSV	86°, 24%, 42%
XYZ	11.3586, 13.3350, 9.7598
YIQ	99.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

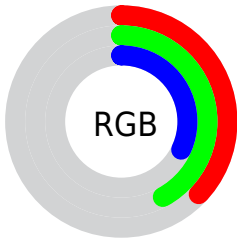
Format	Color
R_{YB}	81, 106, 92
Decimal	6253137
CIE Lab	43.26, -9.17, 12.67
CIE LCh	43, 15.639, 125.880
Yxy	13.3350, 0.3297, 0.3870
Android (android.graphics.Color)	4284443217 (0xFF5F6A51)
YUV	99.8610, -9.2985, -4.2631
Hunter-Lab	36.5172, -8.3832, 9.7158

Details

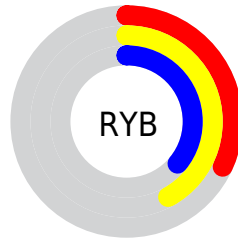
The Hex color **5F6A51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C516A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **929D82**, and **313B24** is the 20% darker color. If you saturate the color by 10%, you get **5A6A46**, and if you desaturate by 10%, it is **646A5C**.

Distribution



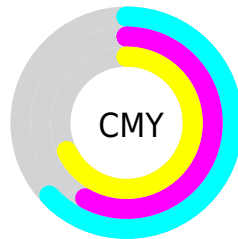
- Red (37%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (36%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6A51 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 5F6A51 by changing the saturation by 10% instead.



5F6A51



5F6A51

FFFFFF



47523A



929D82



313B24



ACB89C



1B250F



C8D4B7



001100



E4F0D3



000000



FFFFEE



5F6A51



5F6A51



5A6A46



646A5C



566A3C



686A66

■ 516A31

■ 6D6A71

■ 4C6A27

■ 726A7B

■ 486A1C

■ 766A86

■ 436A11

■ 7B6A91

■ 3E6A07

■ 806A9B

■ 3B6A00

■ 846AA6

■ 896AB0

Harmonies

Analogous

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



6D664C



5F6A51



506D5B

Triad

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



5F6A51



4A6A7D



805D64

Complementary

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



5F6A51



5C516A

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.



795E71



5F6A51



5A6680

Square

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



5F6A51



426D75



6C627B



805E58

Rectangle

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



5F6A51



486D64



6C627B



7F5D68

Sweetspot

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



5F6A51



858A80



6A5C51



42453F



C4C4C4



454545

Same Dimension

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



5F6A51



798A63



536A51



333630



427500



89F500

Inverse Universe

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



5C516A



74638A



68516A



333036



340075



6C00F5

Previews

White Background



This preview shows how the Hex color 5F6A51 looks on a white background.

Color Contrast Check

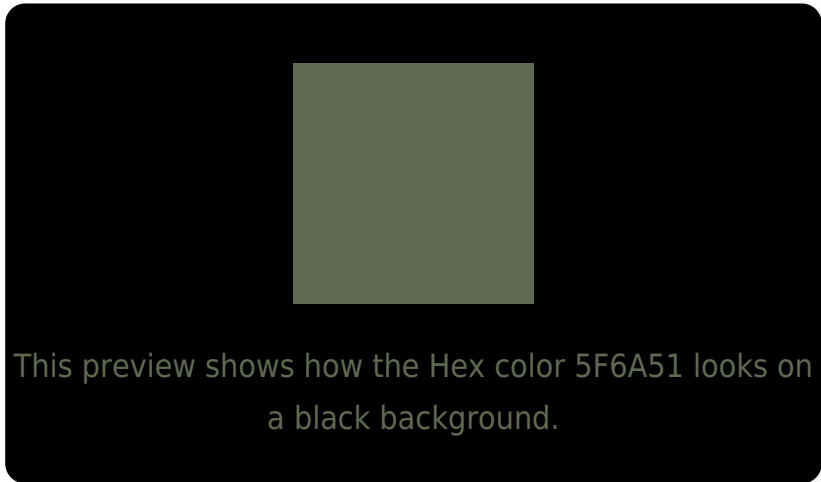
Large Text (above 18pt) WCAG AA ✓ Pass

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

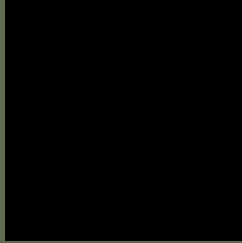
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

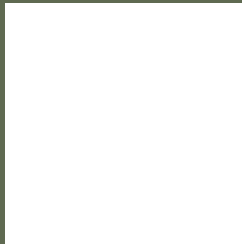
Any Text WCAG AAA × Fail

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

Hex 5F6A51 Background



This preview shows how black text looks on a background with the Hex color 5F6A51.

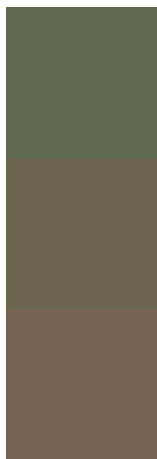


This preview shows how white text looks on a background with the Hex color 5F6A51.

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
5F6A51

Protanopia
6D664F

Deuteranopia
776253



Tritanopia
63666E

Trichromacy



Original Color
5F6A51

Protanomaly
686750

Deuteranomaly
6E6552

Tritanomaly
626763

Monochromacy



Original Color
5F6A51

Achromatopsia
646464

Achromatomaly
62665D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6A51 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 #5F6A51 looks like.

```
.text, #text, p{  
    color:#5F6A51  
}
```

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 #5F6A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6A51
}
```

Border

The CSS property to change the border of an element to Hex 5F6A51 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
#5F6A51 }
```

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

```
.border{ border-color:#5F6A51 }
```

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

Here you see how a box with a 4 pixel #5F6A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6A51; -webkit-box-shadow:4px 4px  
4px 4px #5F6A51; box-shadow:4px 4px 4px  
4px #5F6A51 }
```

Background

The CSS property to change the background color of an element to Hex 5F6A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6A51 }
```

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

```
.background{ background-color:#5F6A51 }
```

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