

Converting Colors

Hex(5A6D49)

Have a look what the booklet for
Hex(5A6D49) contains.

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Color

Hex(5A6D49)

Conversions

Conversions Part 1

Format	Color
Hex	5A6D49
RGB	90, 109, 73
RGB Percent	35%, 43%, 29%
CMY	0.6471, 0.5725, 0.7137
CMYK	0.17, 0.00, 0.33, 0.57
HSL	92°, 20%, 36%
HSV	92°, 33%, 43%
XYZ	10.8877, 13.5920, 8.3530
YIQ	99.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

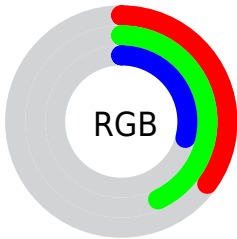
Format	Color
RYB	73, 109, 92
Decimal	5926217
CIELab	43.64, -14.25, 17.85
CIELCh	44, 22.839, 128.597
Yxy	13.5920, 0.3316, 0.4140
Android (android.graphics.Color)	4284116297 (0xFF5A6D49)
YUV	99.2150, -12.9240, -8.0816
Hunter-Lab	36.8673, -11.8030, 12.3738

Details

The Hex color **5A6D49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5C496D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8DA17A**, and **2B3D1D** is the 20% darker color. If you saturate the color by 10%, you get **546D3E**, and if you desaturate by 10%, it is **606D54**.

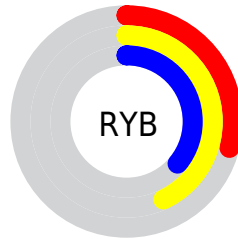
Distribution



Red (35%)

Green (43%)

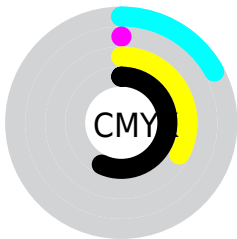
Blue (29%)



Red (29%)

Yellow (43%)

Blue (36%)

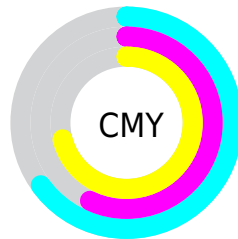


Cyan (17%)

Magenta (0%)

Yellow (33%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6D49 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 5A6D49 by changing the saturation by 10% instead.



5A6D49



5A6D49

FFFFFF



425532



8DA17A



2B3D1D



A7BC94



172705



C2D7AE



001400



DFF4CA



000000



FBFFE6



5A6D49



5A6D49



546D3E



606D54



4E6D33



666D5F

■ 496D28

■ 6B6D6A

■ 436D1D

■ 716D75

■ 3D6D12

■ 776D7F

■ 376D08

■ 7D6D8A

■ 336D00

■ 826D95

■ 886DA0

■ 8E6DAB

Harmonies

Analogous

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



6F6841



5A6D49



437059

Triad

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



5A6D49



396D8A



8C5962

Complementary

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



5A6D49



5C496D

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.



845B75



5A6D49



56678C

Square

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



5A6D49



26707E



716085



8A5B50

Rectangle

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



5A6D49



357166



716085



8B5969

Sweetspot

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



5A6D49



878F81



6D5C49



43473F



C7C7C7



474747

Same Dimension

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



5A6D49



718F56



496D4A



333630



377500



74F500

Inverse Universe

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



5C496D



74568F



6D496C



333036



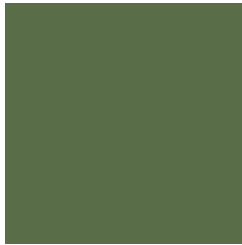
3E0075



8100F5

Previews

White Background



This preview shows how the Hex color 5A6D49 looks on a white background.

Color Contrast Check

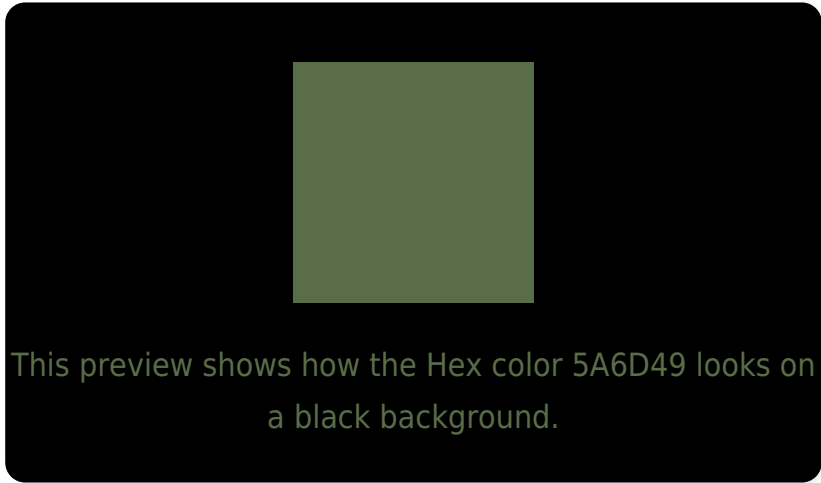
Large Text (above 18pt) WCAG AA ✓ Pass

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

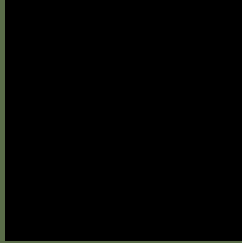
Any Text WCAG AA × Fail

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 5A6D49 Background



This preview shows how black text looks on a background with the Hex color 5A6D49.



This preview shows how white text looks on a background with the Hex color 5A6D49.

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
5A6D49

Protanopia
6F6746

Deuteranopia
7A634B



Tritanopia
606870

Trichromacy



Original Color
5A6D49

Protanomaly
676947

Deuteranomaly
6E674A

Tritanomaly
5E6A62

Monochromacy



Original Color
5A6D49

Achromatopsia
636363

Achromatomaly
60675A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6D49 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 #5A6D49 looks like.

```
.text, #text, p{  
    color:#5A6D49  
}
```

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 #5A6D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6D49
}
```

Border

The CSS property to change the border of an element to Hex 5A6D49 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
#5A6D49 }
```

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

```
.border{ border-color:#5A6D49 }
```

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

Here you see how a box with a 4 pixel #5A6D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6D49; -webkit-box-shadow:4px 4px  
4px 4px #5A6D49; box-shadow:4px 4px 4px  
4px #5A6D49 }
```

Background

The CSS property to change the background color of an element to Hex 5A6D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6D49 }
```

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

```
.background{ background-color:#5A6D49 }
```

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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