

Converting Colors

Hex(5A6C48)

Have a look what the booklet for
Hex(5A6C48) contains.

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Color

Hex(5A6C48)

Conversions

Conversions Part 1

Format	Color
Hex	5A6C48
RGB	90, 108, 72
RGB Percent	35%, 42%, 28%
CMY	0.6471, 0.5765, 0.7176
CMYK	0.17, 0.00, 0.33, 0.58
HSL	90°, 20%, 35%
HSV	90°, 33%, 42%
XYZ	10.7487, 13.3667, 8.1444
YIQ	98.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

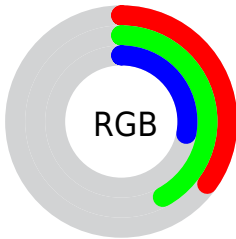
Format	Color
RYB	72, 108, 90
Decimal	5925960
CIELab	43.31, -13.86, 17.99
CIELCh	43, 22.709, 127.603
Yxy	13.3667, 0.3332, 0.4143
Android (android.graphics.Color)	4284116040 (0xFF5A6C48)
YUV	98.5140, -13.0714, -7.4668
Hunter-Lab	36.5604, -11.5021, 12.3846

Details

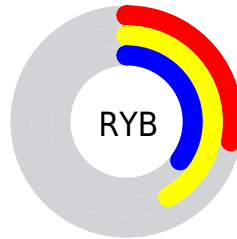
The Hex color **5A6C48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A486C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8D9F79**, and **2B3D1C** is the 20% darker color. If you saturate the color by 10%, you get **556C3D**, and if you desaturate by 10%, it is **5F6C53**.

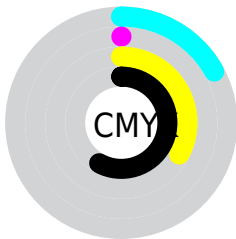
Distribution



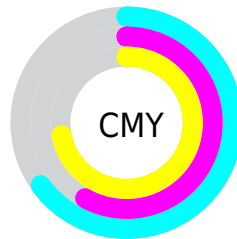
- Red (35%)
- Green (42%)
- Blue (28%)



- Red (28%)
- Yellow (42%)
- Blue (35%)



- Cyan (17%)
- Magenta (0%)
- Yellow (33%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6C48 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 5A6C48 by changing the saturation by 10% instead.

 5A6C48

 5A6C48

FFFFFF

 425431

 8D9F79

 2B3D1C

 A7BA93

 172703

 C2D6AD

 001400

 DEF3C9

 000000

 FBFEE5

 5A6C48

 5A6C48

 556C3D

 5F6C53

 4F6C32

 656C5E

 4A6C28

 6A6C68

 446C1D

 706C73

 3F6C12

 756C7E

 3A6C07

 7A6C89

 366C00

 806C94

 856C9E

 8B6CA9

Harmonies

Analogous

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



6F6741



5A6C48



446F57

Triad

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



5A6C48



376C89



8B5862

Complementary

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



5A6C48



5A486C

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.



825A75



5A6C48



54668B

Square

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



5A6C48



26707D



6F6084



8A5B50

Rectangle

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



5A6C48



357064



6F6084



895869

Sweetspot

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



5A6C48



858C7E



6C5A48



43473F



C7C7C7



474747

Same Dimension

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



5A6C48



708C54



496C48



333630



3B7500



7AF500

Inverse Universe

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



5A486C



70548C



6C486C



333036



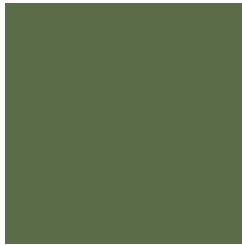
3B0075



7A00F5

Previews

White Background



This preview shows how the Hex color 5A6C48 looks on a white background.

Color Contrast Check

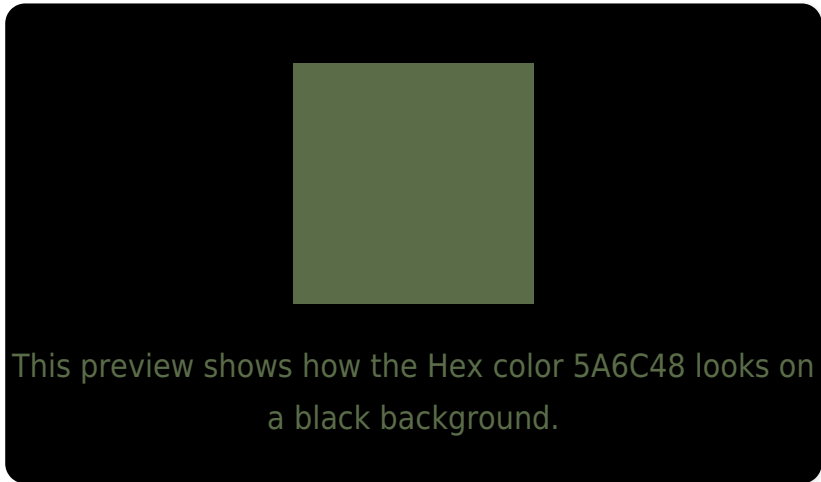
Large Text (above 18pt) WCAG AA ✓ Pass

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

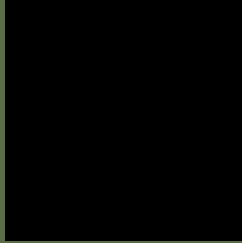
Any Text WCAG AA × Fail

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 5A6C48 Background



This preview shows how black text looks on a background with the Hex color 5A6C48.



This preview shows how white text looks on a background with the Hex color 5A6C48.

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](#).

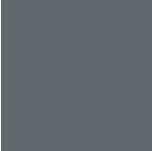
Dichromacy



Original Color
5A6C48

Protanopia
6F6646

Deuteranopia
79624A



Tritanopia
60676F

Trichromacy



Original Color
5A6C48

Protanomaly
676847

Deuteranomaly
6E6649

Tritanomaly
5E6961

Monochromacy



Original Color
5A6C48

Achromatopsia
636363

Achromatomaly
606659

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6C48 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 #5A6C48 looks like.

```
.text, #text, p{  
    color:#5A6C48  
}
```

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 #5A6C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6C48  
}
```

Border

The CSS property to change the border of an element to Hex 5A6C48 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  
#5A6C48 }
```

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

```
.border{ border-color:#5A6C48 }
```

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

Here you see how a box with a 4 pixel #5A6C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6C48; -webkit-box-shadow:4px 4px  
4px 4px #5A6C48; box-shadow:4px 4px 4px  
4px #5A6C48 }
```

Background

The CSS property to change the background color of an element to Hex 5A6C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6C48 }
```

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

```
.background{ background-color:#5A6C48 }
```

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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