

Converting Colors

Hex(5A6F4C)

Have a look what the booklet for
Hex(5A6F4C) contains.

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Color

Hex(5A6F4C)

Conversions

Conversions Part 1

Format	Color
Hex	5A6F4C
RGB	90, 111, 76
RGB Percent	35%, 44%, 30%
CMY	0.6471, 0.5647, 0.7020
CMYK	0.19, 0.00, 0.32, 0.56
HSL	96°, 19%, 37%
HSV	96°, 32%, 44%
XYZ	11.2054, 14.0643, 8.9616
YIQ	100.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

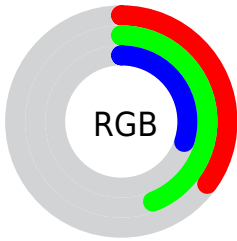
Format	Color
RYB	76, 111, 97
Decimal	5926732
CIELab	44.33, -14.85, 17.01
CIELCh	44, 22.583, 131.123
Yxy	14.0643, 0.3273, 0.4109
Android (android.graphics.Color)	4284116812 (0xFF5A6F4C)
YUV	100.7310, -12.1924, -9.4111
Hunter-Lab	37.5025, -12.2951, 12.0838

Details

The Hex color **5A6F4C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **614C6F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8DA37D**, and **2B3F1F** is the 20% darker color. If you saturate the color by 10%, you get **536F41**, and if you desaturate by 10%, it is **616F57**.

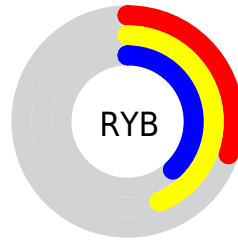
Distribution



Red (35%)

Green (44%)

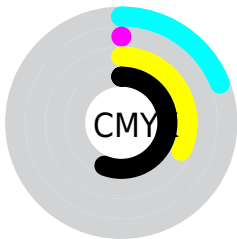
Blue (30%)



Red (30%)

Yellow (44%)

Blue (38%)

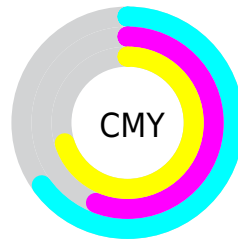


Cyan (19%)

Magenta (0%)

Yellow (32%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6F4C 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 5A6F4C by changing the saturation by 10% instead.



5A6F4C



5A6F4C

FFFFFF



425735



8DA37D



2B3F1F



A7BE97



162909



C2DAB2



001600



DEF6CD



000000



FBFEEA



5A6F4C



5A6F4C



536F41



616F57



4D6F36



676F62

 466F2B

 6E6F6D

 3F6F20

 756F78

 396F15

 7B6F84

 326F09

 826F8F

 2C6F00

 896F9A

 8F6FA5

 966FB0

Harmonies

Analogous

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



6F6A44



5A6F4C



44725C

Triad

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



5A6F4C



3E6E8C



8E5B62

Complementary

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



5A6F4C



614C6F

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.



865C75



5A6F4C



5A688D

Square

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



5A6F4C



2A7281



746185



8B5E51

Rectangle

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



5A6F4C



367369



746185



8D5B69

Sweetspot

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



5A6F4C



8A9184



6F614C



454A42



C9C9C9



4A4A4A

Same Dimension

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



5A6F4C



70915A



4C6F4F



353832



307800



63F700

Inverse Universe

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



614C6F



7B5A91



6F4C6C



363238



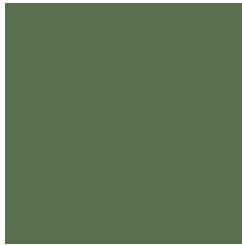
480078



9400F7

Previews

White Background



This preview shows how the Hex color 5A6F4C looks on a white background.

Color Contrast Check

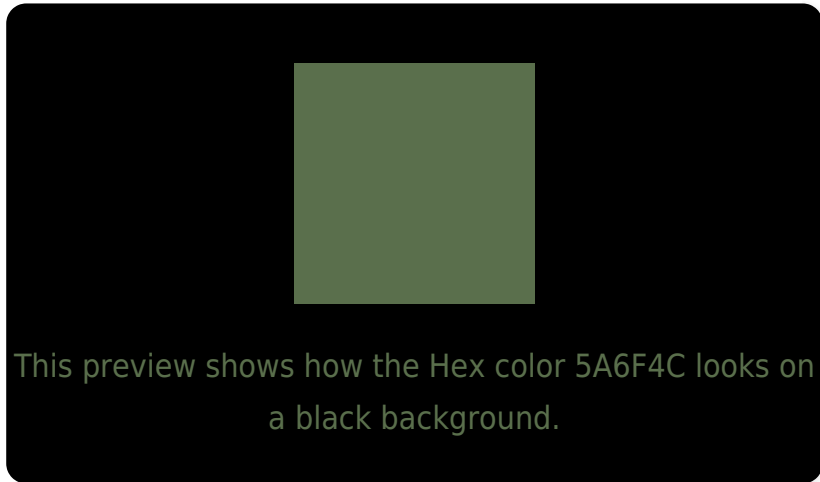
Large Text (above 18pt) WCAG AA ✓ Pass

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

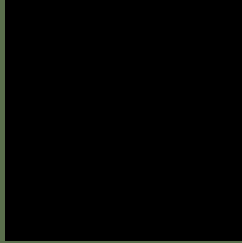
Any Text WCAG AA × Fail

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 5A6F4C Background



This preview shows how black text looks on a background with the Hex color 5A6F4C.



This preview shows how white text looks on a background with the Hex color 5A6F4C.

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
5A6F4C

Protanopia
716849

Deuteranopia
7B644E



Tritanopia
606A73

Trichromacy



Original Color
5A6F4C

Protanomaly
696B4A

Deuteranomaly
6F684D

Tritanomaly
5E6C65

Monochromacy



Original Color
5A6F4C

Achromatopsia
656565

Achromatomaly
61695C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6F4C 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 #5A6F4C looks like.

```
.text, #text, p{  
    color:#5A6F4C  
}
```

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 #5A6F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6F4C
}
```

Border

The CSS property to change the border of an element to Hex 5A6F4C 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
#5A6F4C }
```

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

```
.border{ border-color:#5A6F4C }
```

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

Here you see how a box with a 4 pixel #5A6F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6F4C; -webkit-box-shadow:4px 4px  
4px 4px #5A6F4C; box-shadow:4px 4px 4px  
4px #5A6F4C }
```

Background

The CSS property to change the background color of an element to Hex 5A6F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6F4C }
```

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

```
.background{ background-color:#5A6F4C }
```

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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