

# Converting Colors

Hex(5A6A4F)

Have a look what the booklet for  
Hex(5A6A4F) contains.

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# Color

**Hex(5A6A4F)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 5A6A4F                     |
| RGB         | 90, 106, 79                |
| RGB Percent | 35%, 42%, 31%              |
| CMY         | 0.6471, 0.5843, 0.6902     |
| CMYK        | 0.15, 0.00, 0.25, 0.58     |
| HSL         | 96°, 15%, 36%              |
| HSV         | 96°, 25%, 42%              |
| XYZ         | 10.7818, 13.0462, 9.3471   |
| YIQ         | 98.1380, -0.8690, -11.7890 |

# Conversions

## Conversions Part 2

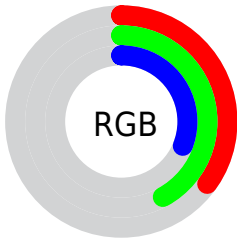
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 79, 106, 95                  |
| Decimal                             | 5925455                      |
| CIE <sub>Lab</sub>                  | 42.83, -11.55, 13.21         |
| CIE <sub>LCh</sub>                  | 43, 17.546, 131.166          |
| Yxy                                 | 13.0462, 0.3250,<br>0.3933   |
| Android<br>(android.graphics.Color) | 4284115535<br>(0xFF5A6A4F)   |
| YUV                                 | 98.1380, -9.4350,<br>-7.1370 |
| Hunter-Lab                          | 36.1196, -9.9267,<br>9.9406  |

# Details

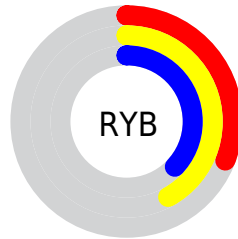
The Hex color **5A6A4F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5F4F6A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8C9D80**, and **2C3B22** is the 20% darker color. If you saturate the color by 10%, you get **546A44**, and if you desaturate by 10%, it is **606A5A**.

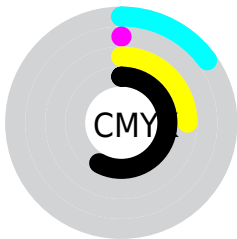
# Distribution



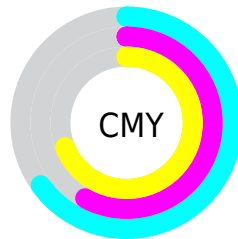
- Red (35%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (37%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6A4F 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 5A6A4F by changing the saturation by 10% instead.





5A6A4F



5A6A4F

FFFFFF



425238



8C9D80



2C3B22



A7B89A



17250D



C2D4B5



001100



DEF0D1



000000



FBFFED



5A6A4F



5A6A4F



546A44



606A5A



4D6A3A



676A64

■ 476A2F

■ 6D6A6F

■ 416A25

■ 736A79

■ 3B6A1A

■ 796A84

■ 346A0F

■ 806A8F

■ 2E6A05

■ 866A99

■ 2B6A00

■ 8C6AA4

■ 936AAE

# Harmonies

## Analogous

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



6A6649



5A6A4F



4A6D5B

# Triad

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



5A6A4F



476980



825B60

# Complementary

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



5A6A4F



5F4F6A

# 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.



7C5C6F



5A6A4F



5B6581

# Square

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



5A6A4F



3B6C78



6E607B



815D53

# Rectangle

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



5A6A4F



406D65



6E607B



815B65



# Sweetspot

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



5A6A4F



838A7F



6A5F4F



41453E



C4C4C4



454545



# Same Dimension

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



5A6A4F



708A5F



4F6A51



323630



307500



64F500



# Inverse Universe

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



5F4F6A



785F8A



6A4F68



333036



460075



9100F5



# Previews

## White Background



This preview shows how the Hex color 5A6A4F looks on a white background.

## Color Contrast Check

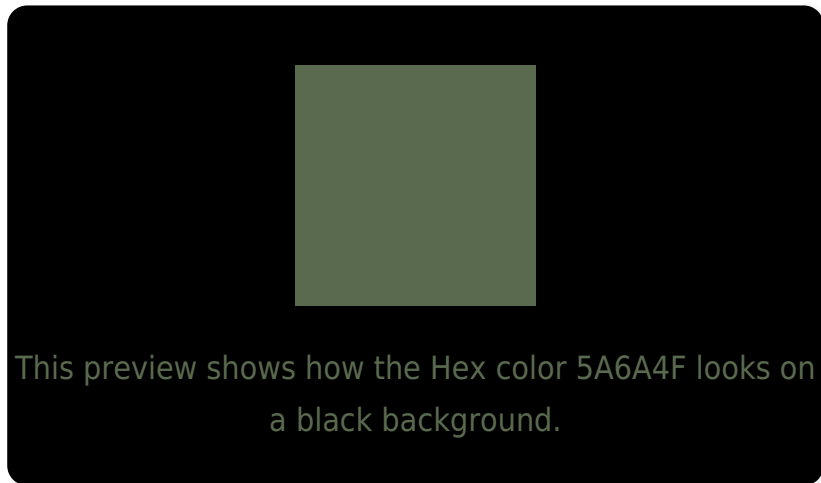
Large Text (above 18pt) WCAG AA ✓ Pass

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

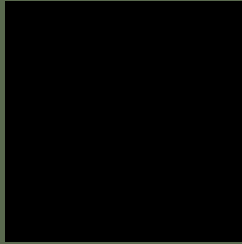
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

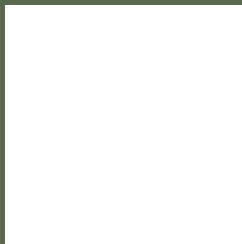
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A6A4F Background



This preview shows how black text looks on a background with the Hex color 5A6A4F.



This preview shows how white text looks on a background with the Hex color 5A6A4F.

# 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**  
5A6A4F

**Protanopia**  
6C654D

**Deuteranopia**  
766151



**Tritanopia**  
5F666E

# Trichromacy



**Original Color**  
5A6A4F

**Protanomaly**  
65674E

**Deuteranomaly**  
6C6450

**Tritanomaly**  
5D6763

# Monochromacy



**Original Color**  
5A6A4F

**Achromatopsia**  
626262

**Achromatomaly**  
5F655B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6A4F 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 #5A6A4F looks like.

```
.text, #text, p{  
    color:#5A6A4F  
}
```

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 #5A6A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6A4F
}
```

## Border

The CSS property to change the border of an element to Hex 5A6A4F 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
#5A6A4F }
```

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

```
.border{ border-color:#5A6A4F }
```

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

Here you see how a box with a 4 pixel #5A6A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6A4F; -webkit-box-shadow:4px 4px  
4px 4px #5A6A4F; box-shadow:4px 4px 4px  
4px #5A6A4F }
```

# Background

The CSS property to change the background color of an element to Hex 5A6A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6A4F }
```

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

```
.background{ background-color:#5A6A4F }
```

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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