

# Converting Colors

Hex(5B6A4E)

Have a look what the booklet for  
Hex(5B6A4E) contains.

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# Color

**Hex(5B6A4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6A4E
RGB	91, 106, 78
RGB Percent	36%, 42%, 31%
CMY	0.6431, 0.5843, 0.6941
CMYK	0.14, 0.00, 0.26, 0.58
HSL	92°, 15%, 36%
HSV	92°, 26%, 42%
XYZ	10.8436, 13.0823, 9.1613
YIQ	98.3230, 0.0480, -11.8880

# Conversions

## Conversions Part 2

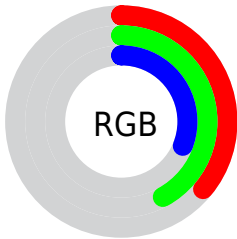
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 106, 93
Decimal	5990990
CIELab	42.89, -11.32, 13.89
CIElCh	43, 17.920, 129.182
Yxy	13.0823, 0.3277, 0.3954
Android (android.graphics.Color)	4284181070 (0xFF5B6A4E)
YUV	98.3230, -10.0192, -6.4223
Hunter-Lab	36.1694, -9.7823, 10.3011

# Details

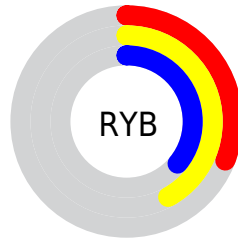
The Hex color **5B6A4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D4E6A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8D9D7F**, and **2D3B21** is the 20% darker color. If you saturate the color by 10%, you get **556A43**, and if you desaturate by 10%, it is **616A59**.

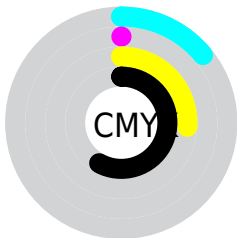
# Distribution



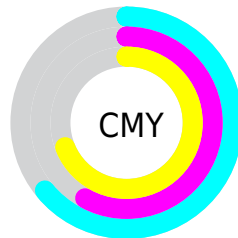
- Red (36%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6A4E 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 5B6A4E by changing the saturation by 10% instead.





5B6A4E



5B6A4E

FFFFFF



435237



8D9D7F



2D3B21



A8B899



18250C



C3D4B4



001100



DFF0D0



000000



FCFEC



5B6A4E



5B6A4E



556A43



616A59



506A39



666A63

■ 4A6A2E

■ 6C6A6E

■ 446A24

■ 726A78

■ 3F6A19

■ 776A83

■ 396A0E

■ 7D6A8E

■ 336A04

■ 836A98

■ 316A00

■ 886AA3

■ 8E6AAD

# Harmonies

## Analogous

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



6B6648



5B6A4E



4A6D5A

# Triad

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



5B6A4E



456A81



835A61

# Complementary

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



5B6A4E



5D4E6A

# 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.



7C5C70



5B6A4E



596582

# Square

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



5B6A4E



3A6D77



6D607C



825C53

# Rectangle

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



5B6A4E



406E64



6D607C



825B66



# Sweetspot

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



5B6A4E



848A7F



6A5D4E



41453E



C4C4C4



454545



# Same Dimension

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



5B6A4E



728A5E



4E6A4F



333630



367500



72F500



# Inverse Universe

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



5D4E6A



755E8A



6A4E69



333036



3F0075



8300F5



# Previews

## White Background



This preview shows how the Hex color 5B6A4E looks on a white background.

## Color Contrast Check

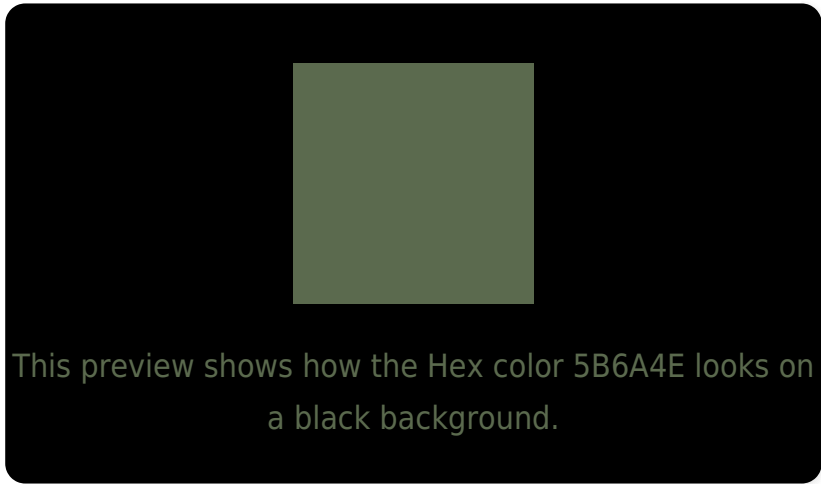
Large Text (above 18pt) WCAG AA ✓ Pass

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

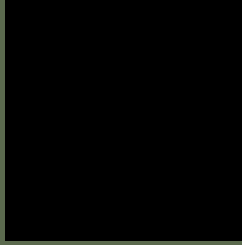
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B6A4E Background



This preview shows how black text looks on a background with the Hex color 5B6A4E.



This preview shows how white text looks on a background with the Hex color 5B6A4E.

# 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**  
5B6A4E

**Protanopia**  
6C654C

**Deuteranopia**  
766150



**Tritanopia**  
60666E

# Trichromacy



**Original Color**  
5B6A4E

**Protanomaly**  
66674D

**Deuteranomaly**  
6C644F

**Tritanomaly**  
5E6762

# Monochromacy



**Original Color**  
5B6A4E

**Achromatopsia**  
626262

**Achromatomaly**  
5F655B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6A4E 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 #5B6A4E looks like.

```
.text, #text, p{  
    color:#5B6A4E  
}
```

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 #5B6A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6A4E
}
```

## Border

The CSS property to change the border of an element to Hex 5B6A4E 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".

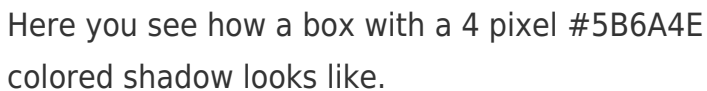
```
.border, #border, table{ border:4px solid
#5B6A4E }
```

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

```
.border{ border-color:#5B6A4E }
```

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

Here you see how a box with a 4 pixel #5B6A4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6A4E; -webkit-box-shadow:4px 4px  
4px 4px #5B6A4E; box-shadow:4px 4px 4px  
4px #5B6A4E }
```

# Background

The CSS property to change the background color of an element to Hex 5B6A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6A4E }
```

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

```
.background{ background-color:#5B6A4E }
```

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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