

# Converting Colors

Hex(546C38)

Have a look what the booklet for  
Hex(546C38) contains.

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**Color**

**Hex(546C38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546C38
RGB	84, 108, 56
RGB Percent	33%, 42%, 22%
CMY	0.6706, 0.5765, 0.7804
CMYK	0.22, 0.00, 0.48, 0.58
HSL	88°, 32%, 32%
HSV	88°, 48%, 42%
XYZ	9.7325, 12.8955, 5.7175
YIQ	94.8960, 2.3880, -21.2600

# Conversions

## Conversions Part 2

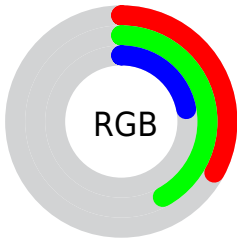
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 108, 80
Decimal	5532728
CIELab	42.61, -18.69, 26.15
CIElCh	43, 32.142, 125.554
Yxy	12.8955, 0.3434, 0.4549
Android (android.graphics.Color)	4283722808 (0xFF546C38)
YUV	94.8960, -19.1757, -9.5558
Hunter-Lab	35.9103, -14.4652, 15.6973

# Details

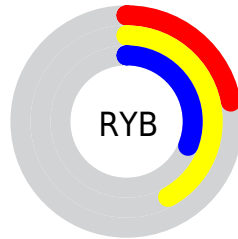
The Hex color **546C38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50386C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **87A068**, and **253C0B** is the 20% darker color. If you saturate the color by 10%, you get **4F6C2D**, and if you desaturate by 10%, it is **596C43**.

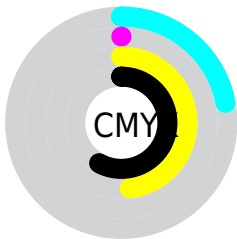
# Distribution



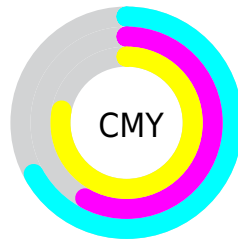
- Red (33%)
- Green (42%)
- Blue (22%)



- Red (22%)
- Yellow (42%)
- Blue (31%)



- Cyan (22%)
- Magenta (0%)
- Yellow (48%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546C38 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 546C38 by changing the saturation by 10% instead.





546C38



546C38

FFFFFF



3C5421



87A068



253C0B



A1BB82



102600



BDD69C



001100



D9F3B7



000000



F5FFD3



FFFFEF



546C38



546C38



4F6C2D



596C43

■ 4A6C22

■ 5E6C4E

■ 456C18

■ 636C58

■ 406C0D

■ 686C63

■ 3B6C02

■ 6D6C6E

■ 3A6C00

■ 726C79

■ 776C84

■ 7C6C8E

■ 816C99

# Harmonies

## Analogous

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



70652E



546C38



31714E

# Triad

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



546C38



006D94



964F61

# Complementary

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



546C38



50386C

# 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.



89527B



546C38



426699

# Square

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



546C38



007183



6D5C90



945347

# Rectangle

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



546C38



047260



6D5C90



944F6A



# Sweetspot

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



546C38



838C79



6C4F38



42473B



C7C7C7



474747



# Same Dimension

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



546C38



678C3B



3B6C38



333630



3F7500



84F500



# Inverse Universe

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



50386C



603B8C



69386C



333036



360075



7100F5



# Previews

## White Background



This preview shows how the Hex color 546C38 looks on a white background.

## Color Contrast Check

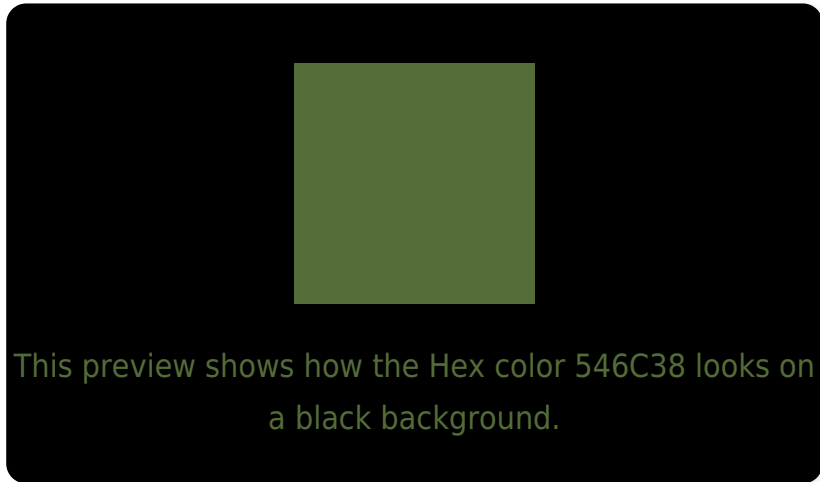
Large Text (above 18pt) WCAG AA ✓ Pass

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

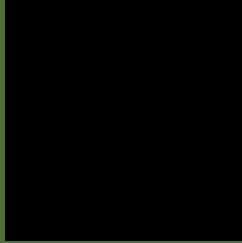
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 546C38 Background



This preview shows how black text looks on a background with the Hex color 546C38.



This preview shows how white text looks on a background with the Hex color 546C38.

# 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**  
546C38

**Protanopia**  
6F6435

**Deuteranopia**  
7A603B



**Tritanopia**  
5C666E

# Trichromacy



**Original Color**  
546C38

**Protanomaly**  
656736

**Deuteranomaly**  
6C643A

**Tritanomaly**  
59685A

# Monochromacy



**Original Color**  
546C38

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5B6451

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546C38 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 #546C38 looks like.

```
.text, #text, p{  
    color:#546C38  
}
```

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 #546C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546C38
}
```

## Border

The CSS property to change the border of an element to Hex 546C38 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
#546C38 }
```

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

```
.border{ border-color:#546C38 }
```

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

Here you see how a box with a 4 pixel #546C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546C38; -webkit-box-shadow:4px 4px  
4px 4px #546C38; box-shadow:4px 4px 4px  
4px #546C38 }
```

# Background

The CSS property to change the background color of an element to Hex 546C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546C38 }
```

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

```
.background{ background-color:#546C38 }
```

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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