

# Converting Colors

Hex(536C4B)

Have a look what the booklet for  
Hex(536C4B) contains.

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# Color

**Hex(536C4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	536C4B
RGB	83, 108, 75
RGB Percent	33%, 42%, 29%
CMY	0.6745, 0.5765, 0.7059
CMYK	0.23, 0.00, 0.31, 0.58
HSL	105°, 18%, 36%
HSV	105°, 31%, 42%
XYZ	10.1998, 13.0721, 8.6422
YIQ	96.7630, -4.3070, -15.5630

# Conversions

## Conversions Part 2

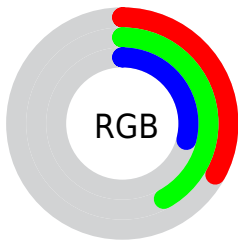
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 108, 100
Decimal	5467211
CIELab	42.87, -16.15, 15.55
CIElCh	43, 22.423, 136.086
Yxy	13.0721, 0.3196, 0.4096
Android (android.graphics.Color)	4283657291 (0xFF536C4B)
YUV	96.7630, -10.7292, -12.0702
Hunter-Lab	36.1554, -12.9151, 11.1367

# Details

The Hex color **536C4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **644B6C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **85A07C**, and **253C1F** is the 20% darker color. If you saturate the color by 10%, you get **4B6C40**, and if you desaturate by 10%, it is **5B6C56**.

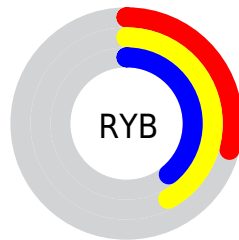
# Distribution



Red (33%)

Green (42%)

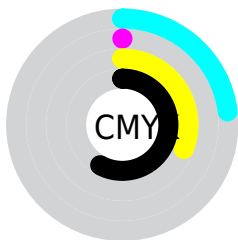
Blue (29%)



Red (29%)

Yellow (42%)

Blue (39%)

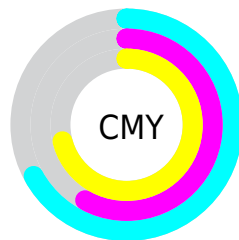


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 536C4B 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 536C4B by changing the saturation by 10% instead.





536C4B



536C4B

FFFFFF



3B5434



85A07C



253C1F



9FBB96



102608



BBD6B1



001200



D6F3CC



000000



F3FFE8



536C4B



536C4B



4B6C40



5B6C56



436C35



636C61

 3A6C2B

 6C6C6B

 326C20

 746C76

 2A6C15

 7C6C81

 226C0A

 846C8C

 1A6C00

 8C6C97

 946CA1

 9D6CAC

# Harmonies

## Analogous

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



686741



536C4B



3D6F5C

# Triad

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



536C4B



3F6A89



8A575C

# Complementary

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



536C4B



644B6C

# 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.



84586F



536C4B



5B6489

# Square

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



536C4B



286E7F



745D7F



865B4B

# Rectangle

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



536C4B



2F6F69



745D7F



895762



# Sweetspot

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



536C4B



838C80



6C644B



414740



C7C7C7



474747



# Same Dimension

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



536C4B



658C58



4B6C53



313630



1C7500



3BF500



# Inverse Universe

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



644B6C



80588C



6C4B64



343036



590075

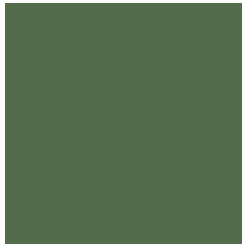


B900F5



# Previews

## White Background



This preview shows how the Hex color 536C4B looks on a white background.

## Color Contrast Check

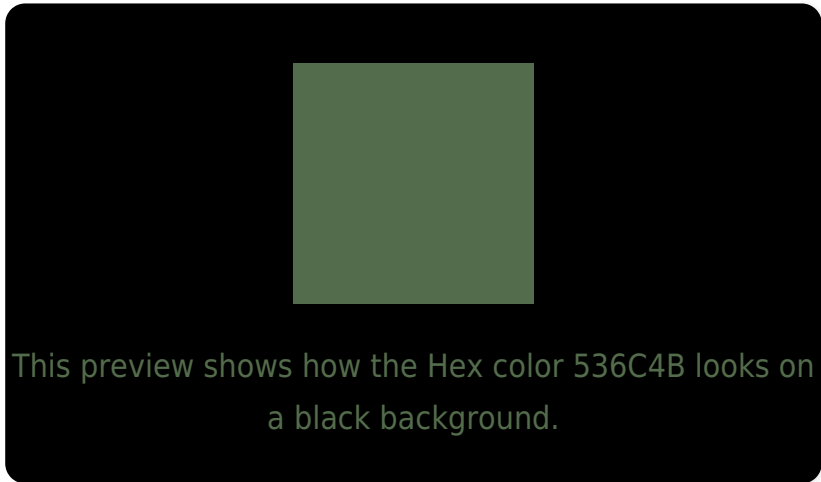
Large Text (above 18pt) WCAG AA ✓ Pass

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

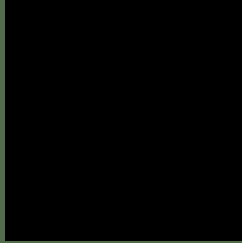
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 536C4B Background



This preview shows how black text looks on a background with the Hex color 536C4B.



This preview shows how white text looks on a background with the Hex color 536C4B.

# 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**  
536C4B

**Protanopia**  
6D6548

**Deuteranopia**  
77614D



**Tritanopia**  
596770

# Trichromacy



**Original Color**  
536C4B

**Protanomaly**  
646849

**Deuteranomaly**  
6A654C

**Tritanomaly**  
576963

# Monochromacy



**Original Color**  
536C4B

**Achromatopsia**  
616161

**Achromatomaly**  
5C6559

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 536C4B 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 #536C4B looks like.

```
.text, #text, p{  
    color:#536C4B  
}
```

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 #536C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536C4B
}
```

## Border

The CSS property to change the border of an element to Hex 536C4B 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".

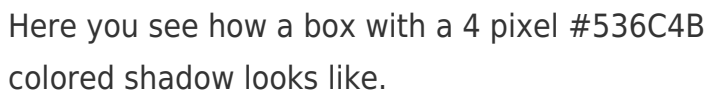
```
.border, #border, table{ border:4px solid
#536C4B }
```

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

```
.border{ border-color:#536C4B }
```

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

Here you see how a box with a 4 pixel #536C4B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536C4B; -webkit-box-shadow:4px 4px  
4px 4px #536C4B; box-shadow:4px 4px 4px  
4px #536C4B }
```

# Background

The CSS property to change the background color of an element to Hex 536C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536C4B }
```

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

```
.background{ background-color:#536C4B }
```

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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