

# Converting Colors

Hex(506E32)

Have a look what the booklet for  
Hex(506E32) contains.

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**Color**

**Hex(506E32)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 506E32                    |
| RGB           | 80, 110, 50               |
| RGB Percent   | 31%, 43%, 20%             |
| CMY           | 0.6863, 0.5686, 0.8039    |
| CMYK          | 0.27, 0.00, 0.55, 0.57    |
| HSL           | 90°, 38%, 31%             |
| HSV           | 90°, 55%, 43%             |
| XYZ           | 9.4599, 13.0876, 5.0452   |
| YIQ           | 94.1900, 1.3800, -25.0200 |

# Conversions

## Conversions Part 2

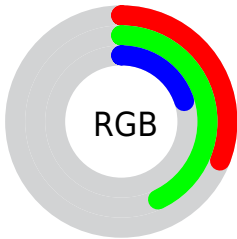
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 50, 110, 80                    |
| Decimal                             | 5271090                        |
| CIELab                              | 42.89, -22.14, 29.71           |
| CIELCh                              | 43, 37.053, 126.699            |
| Yxy                                 | 13.0876, 0.3428,<br>0.4743     |
| Android<br>(android.graphics.Color) | 4283461170<br>(0xFF506E32)     |
| YUV                                 | 94.1900, -21.7857,<br>-12.4446 |
| Hunter-Lab                          | 36.1768, -16.6333,<br>17.0552  |

# Details

The Hex color **506E32** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50326E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **83A262**, and **203E03** is the 20% darker color. If you saturate the color by 10%, you get **4B6E27**, and if you desaturate by 10%, it is **566E3D**.

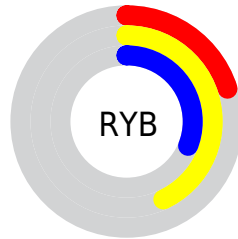
# Distribution



Red (31%)

Green (43%)

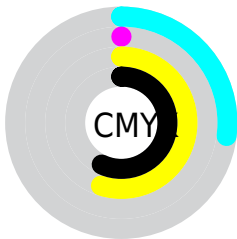
Blue (20%)



Red (20%)

Yellow (43%)

Blue (31%)

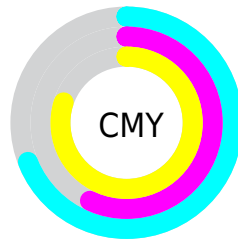


Cyan (27%)

Magenta (0%)

Yellow (55%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506E32 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 506E32 by changing the saturation by 10% instead.





506E32



506E32

FFFFFF



38561B



83A262



203E03



9EBD7B



092800



B9D996



001200



D5F5B1



000000



F2FFCC



FFFFE9



506E32



506E32



4B6E27



566E3D

■ 456E1C

■ 5B6E48

■ 3F6E11

■ 616E53

■ 3A6E06

■ 666E5E

■ 376E00

■ 6C6E69

■ 716E74

■ 766E7F

■ 7C6E8A

■ 826E95

# Harmonies

## Analogous

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



706625



506E32



22734C

# Triad

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



506E32



006F9D



9E4B60

# Complementary

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



506E32



50326E

# 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.



904F7E



506E32



3B66A2

# Square

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



506E32



007489



705A97



9B5042

# Rectangle

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



506E32



007461



705A97



9B4B6A



# Sweetspot

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



506E32



838F78



6E5032



41473A



C7C7C7



474747



# Same Dimension

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



506E32



608F32



326E32



353832



3C7800



7CF700



# Inverse Universe

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



50326E



60328F



6E326E



353238



3C0078



7C00F7



# Previews

## White Background



This preview shows how the Hex color 506E32 looks on a white background.

## Color Contrast Check

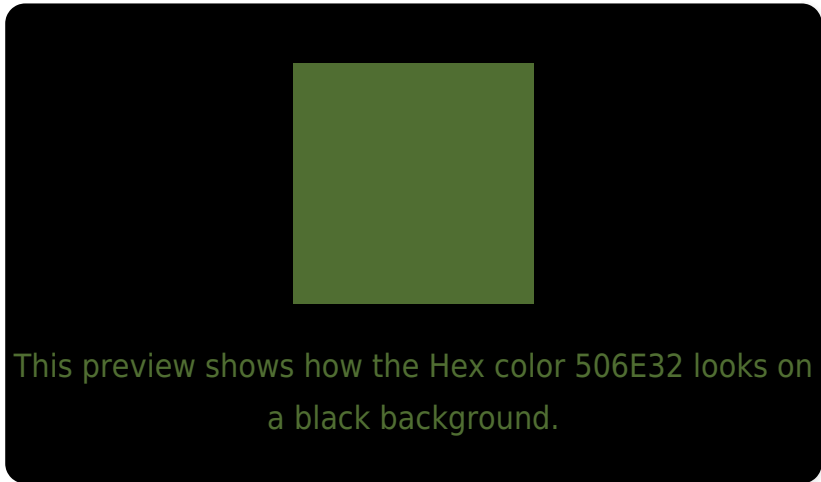
Large Text (above 18pt) WCAG AA ✓ Pass

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

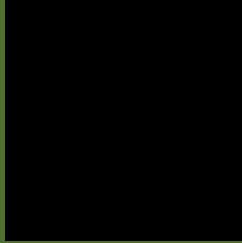
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 506E32 Background



This preview shows how black text looks on a background with the Hex color 506E32.



This preview shows how white text looks on a background with the Hex color 506E32.

# 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**  
506E32

**Protanopia**  
70652F

**Deuteranopia**  
7C6036



**Tritanopia**  
596770

# Trichromacy



**Original Color**  
506E32

**Protanomaly**  
646830

**Deuteranomaly**  
6C6535

**Tritanomaly**  
566A59

# Monochromacy



**Original Color**  
506E32

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
59644E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506E32 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 #506E32 looks like.

```
.text, #text, p{  
    color:#506E32  
}
```

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 #506E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506E32
}
```

## Border

The CSS property to change the border of an element to Hex 506E32 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
#506E32 }
```

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

```
.border{ border-color:#506E32 }
```

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

Here you see how a box with a 4 pixel #506E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506E32; -webkit-box-shadow:4px 4px  
4px 4px #506E32; box-shadow:4px 4px 4px  
4px #506E32 }
```

# Background

The CSS property to change the background color of an element to Hex 506E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506E32 }
```

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

```
.background{ background-color:#506E32 }
```

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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