

Converting Colors

Hex(506B42)

Have a look what the booklet for
Hex(506B42) contains.

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Color

Hex(506B42)

Conversions

Conversions Part 1

Format	Color
Hex	506B42
RGB	80, 107, 66
RGB Percent	31%, 42%, 26%
CMY	0.6863, 0.5804, 0.7412
CMYK	0.25, 0.00, 0.38, 0.58
HSL	100°, 24%, 34%
HSV	100°, 38%, 42%
XYZ	9.5493, 12.6142, 7.0857
YIQ	94.2530, -2.9310, -18.4750

Conversions

Conversions Part 2

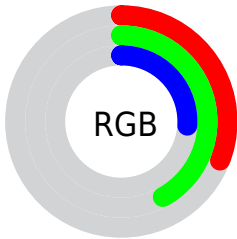
Format	Color
RYB	66, 107, 93
Decimal	5270338
CIELab	42.18, -18.32, 19.86
CIElCh	42, 27.015, 132.689
Yxy	12.6142, 0.3265, 0.4313
Android (android.graphics.Color)	4283460418 (0xFF506B42)
YUV	94.2530, -13.9287, -12.4999
Hunter-Lab	35.5165, -14.1605, 13.0329

Details

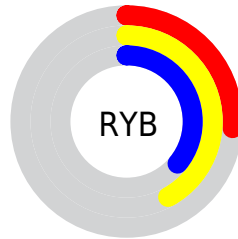
The Hex color **506B42** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D426B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **829F72**, and **223B16** is the 20% darker color. If you saturate the color by 10%, you get **496B37**, and if you desaturate by 10%, it is **576B4D**.

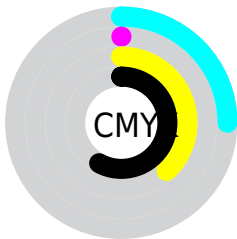
Distribution



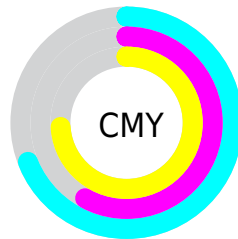
- Red (31%)
- Green (42%)
- Blue (26%)



- Red (26%)
- Yellow (42%)
- Blue (36%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506B42 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 506B42 by changing the saturation by 10% instead.

 506B42

 506B42

FFFFFF

 38532B


 829F72

 223B16

 9CBA8C

 0F2500

 B8D5A7

 000E00

 D3F2C2

 000000

 F0FFDE

 FFFFFA

 506B42

 506B42

 496B37

 576B4D

■ 426B2D

■ 5E6B57

■ 3B6B22

■ 656B62

■ 346B17

■ 6C6B6D

■ 2D6B0C

■ 736B78

■ 266B02

■ 7A6B82

■ 256B00

■ 816B8D

■ 886B98

■ 8F6BA2

Harmonies

Analogous

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



696537



506B42



336E56

Triad

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



506B42



29698E



8F525B

Complementary

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



506B42



5D426B

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.



875471



506B42



52638F

Square

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



506B42



006E81



725A84



8B5646

Rectangle

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



506B42



1B6F65



725A84



8D5262

Sweetspot

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



506B42



828C7D



6B5D42



41473E



C7C7C7



474747

Same Dimension

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



506B42



628C4C



426B48



323630



287500



54F500

Inverse Universe

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



5D426B



764C8C



6B4265



343036



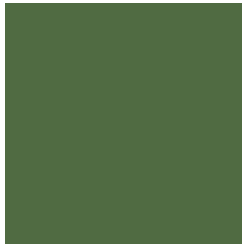
4D0075



A100F5

Previews

White Background



This preview shows how the Hex color 506B42 looks on a white background.

Color Contrast Check

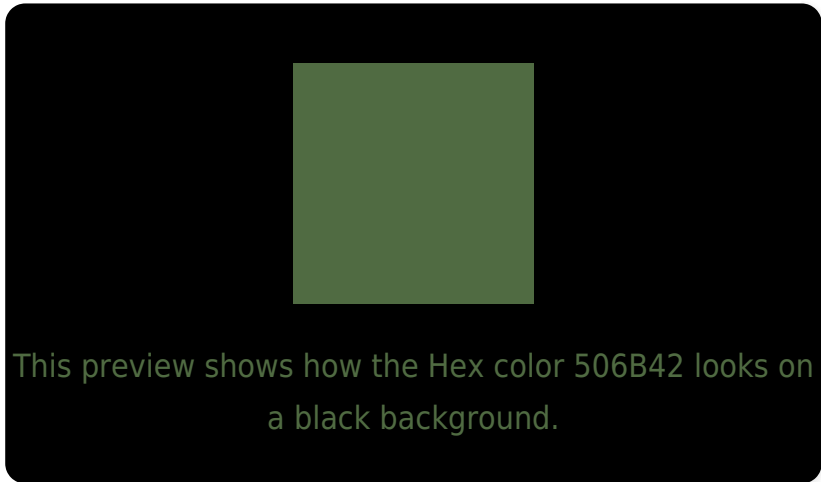
Large Text (above 18pt) WCAG AA ✓ Pass

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

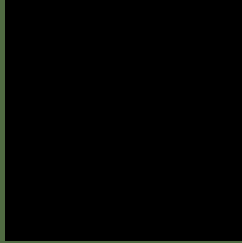
Any Text WCAG AA × Fail

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 506B42 Background



This preview shows how black text looks on a background with the Hex color 506B42.



This preview shows how white text looks on a background with the Hex color 506B42.

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
506B42

Protanopia
6C633F

Deuteranopia
765F45



Tritanopia
57666E

Trichromacy



Original Color
506B42

Protanomaly
626640

Deuteranomaly
686344

Tritanomaly
54685E

Monochromacy



Original Color
506B42

Achromatopsia
5E5E5E

Achromatomaly
596354

CSS Examples

Text

The CSS property to change the color of the text to Hex 506B42 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 #506B42 looks like.

```
.text, #text, p{  
    color:#506B42  
}
```

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 #506B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506B42
}
```

Border

The CSS property to change the border of an element to Hex 506B42 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
#506B42 }
```

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

```
.border{ border-color:#506B42 }
```

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

Here you see how a box with a 4 pixel #506B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506B42; -webkit-box-shadow:4px 4px  
4px 4px #506B42; box-shadow:4px 4px 4px  
4px #506B42 }
```

Background

The CSS property to change the background color of an element to Hex 506B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506B42 }
```

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

```
.background{ background-color:#506B42 }
```

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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