

Converting Colors

Hex(506C36)

Have a look what the booklet for
Hex(506C36) contains.

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Color

Hex(506C36)

Conversions

Conversions Part 1

Format	Color
Hex	506C36
RGB	80, 108, 54
RGB Percent	31%, 42%, 21%
CMY	0.6863, 0.5765, 0.7882
CMYK	0.26, 0.00, 0.50, 0.58
HSL	91°, 33%, 32%
HSV	91°, 50%, 42%
XYZ	9.3367, 12.6969, 5.4487
YIQ	93.4720, 0.6460, -22.7300

Conversions

Conversions Part 2

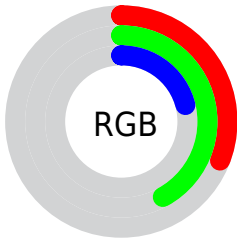
Format	Color
RYB	54, 108, 82
Decimal	5270582
CIELab	42.30, -20.60, 26.82
CIELCh	42, 33.821, 127.529
Yxy	12.6969, 0.3397, 0.4620
Android (android.graphics.Color)	4283460662 (0xFF506C36)
YUV	93.4720, -19.4597, -11.8149
Hunter-Lab	35.6328, -15.5858, 15.8768

Details

The Hex color **506C36** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52366C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **83A066**, and **213C08** is the 20% darker color. If you saturate the color by 10%, you get **4A6C2B**, and if you desaturate by 10%, it is **566C41**.

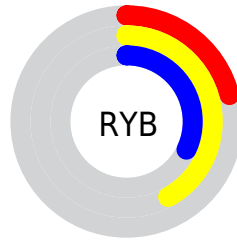
Distribution



Red (31%)

Green (42%)

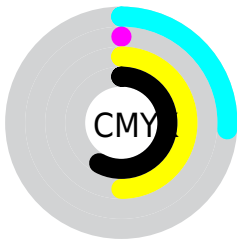
Blue (21%)



Red (21%)

Yellow (42%)

Blue (32%)

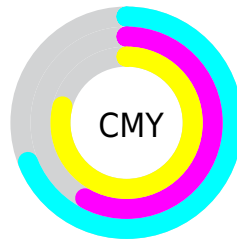


Cyan (26%)

Magenta (0%)

Yellow (50%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506C36 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 506C36 by changing the saturation by 10% instead.

 506C36

 506C36

FFFFFF

 38541F

 83A066

 213C08

 9DBB7F

 0B2600

 B8D69A

 000F00

 D4F3B5

 000000

 F1FFD0

 FFFFED

 506C36

 506C36

 4A6C2B

 566C41

■ 456C20

■ 5B6C4C

■ 3F6C16

■ 616C56

■ 3A6C0B

■ 666C61

■ 346C00

■ 6C6C6C

■ 726C77

■ 776C82

■ 7D6C8C

■ 826C97

Harmonies

Analogous

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



6E652B



506C36



29704E

Triad

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



506C36



006C97



984C5E

Complementary

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



506C36



52366C

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.



8C507A



506C36



41649B

Square

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



506C36



007185



6F5A90



955143

Rectangle

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



506C36



007261



6F5A90



964D67

Sweetspot

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



506C36



818C77



6C5236



41473B



C7C7C7



474747

Same Dimension

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



506C36



618C38



366C37



333630



387500



76F500

Inverse Universe

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



52366C



64388C



6C366B



333036



3D0075



7F00F5

Previews

White Background



This preview shows how the Hex color 506C36 looks on a white background.

Color Contrast Check

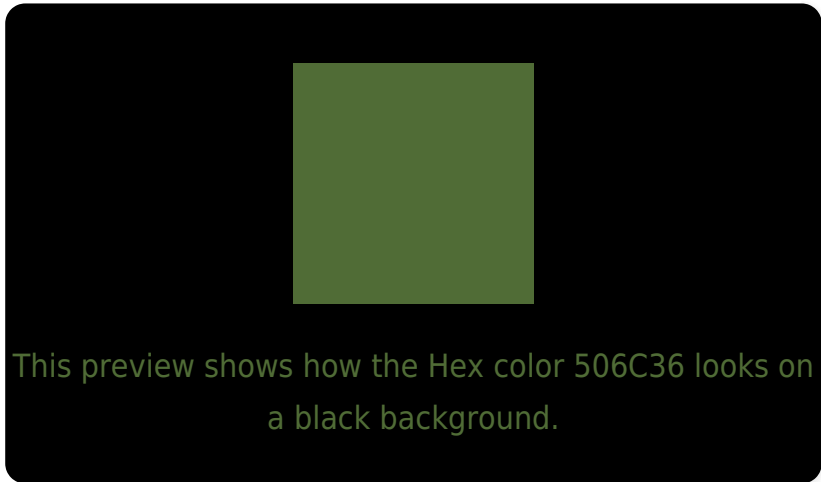
Large Text (above 18pt) WCAG AA ✓ Pass

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

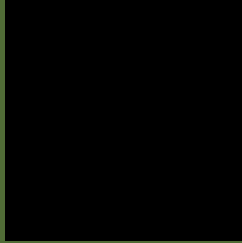
Any Text WCAG AA × Fail

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 506C36 Background



This preview shows how black text looks on a background with the Hex color 506C36.



This preview shows how white text looks on a background with the Hex color 506C36.

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](#).

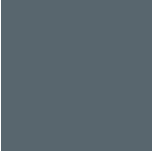
Dichromacy



Original Color
506C36

Protanopia
6E6433

Deuteranopia
795F39



Tritanopia
58666E

Trichromacy



Original Color
506C36

Protanomaly
636734

Deuteranomaly
6A6438

Tritanomaly
55685A

Monochromacy



Original Color
506C36

Achromatopsia
5D5D5D

Achromatomaly
58624F

CSS Examples

Text

The CSS property to change the color of the text to Hex 506C36 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 #506C36 looks like.

```
.text, #text, p{  
    color:#506C36  
}
```

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 #506C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506C36
}
```

Border

The CSS property to change the border of an element to Hex 506C36 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
#506C36 }
```

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

```
.border{ border-color:#506C36 }
```

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

Here you see how a box with a 4 pixel #506C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506C36; -webkit-box-shadow:4px 4px  
4px 4px #506C36; box-shadow:4px 4px 4px  
4px #506C36 }
```

Background

The CSS property to change the background color of an element to Hex 506C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506C36 }
```

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

```
.background{ background-color:#506C36 }
```

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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