

Converting Colors

Hex(506A54)

Have a look what the booklet for
Hex(506A54) contains.

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Color

Hex(506A54)

Conversions

Conversions Part 1

Format	Color
Hex	506A54
RGB	80, 106, 84
RGB Percent	31%, 42%, 33%
CMY	0.6863, 0.5843, 0.6706
CMYK	0.25, 0.00, 0.21, 0.58
HSL	129°, 14%, 36%
HSV	129°, 25%, 42%
XYZ	10.0625, 12.6536, 10.2995
YIQ	95.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

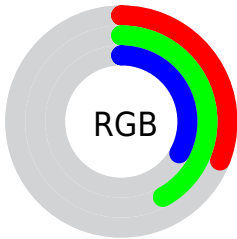
Format	Color
R_{YB}	80, 103, 106
Decimal	5270100
CIE _{Lab}	42.24, -14.49, 9.28
CIE _{LCh}	42, 17.204, 147.355
Y _{xy}	12.6536, 0.3048, 0.3833
Android (android.graphics.Color)	4283460180 (0xFF506A54)
YUV	95.7180, -5.7770, -13.7847
Hunter-Lab	35.5719, -11.7571, 7.7335

Details

The Hex color **506A54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A5066**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **829D86**, and **223B27** is the 20% darker color. If you saturate the color by 10%, you get **456A4B**, and if you desaturate by 10%, it is **5B6A5D**.

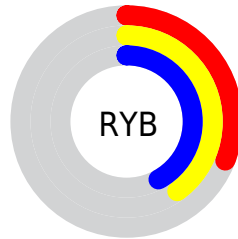
Distribution



Red (31%)

Green (42%)

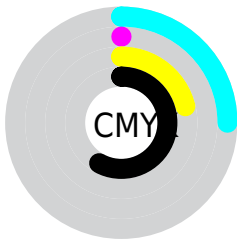
Blue (33%)



Red (31%)

Yellow (40%)

Blue (42%)

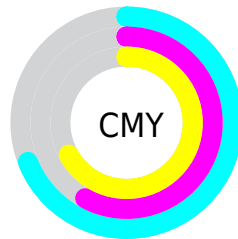


Cyan (25%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506A54 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 506A54 by changing the saturation by 10% instead.



506A54



506A54

FFFFFF



39523D



829D86



223B27



9CB8A0



0D2513



B7D4BB



000F00



D3F0D6



000000



FFFFFF3



506A54



506A54



456A4B



5B6A5D



3B6A42



656A66

■ 306A39

■ 706A6F

■ 266A30

■ 7A6A78

■ 1B6A27

■ 856A81

■ 106A1E

■ 906A8A

■ 066A15

■ 9A6A93

■ 006A10

■ A56A9C

■ AF6AA5

Harmonies

Analogous

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



60674A



506A54



416C62

Triad

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



506A54



506580



805A57

Complementary

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



506A54



6A5066

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.



7F5A65



506A54



64607D

Square

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



506A54



40697B



755C73



7B5E4C

Rectangle

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



506A54



3B6C6C



755C73



815A5C

Sweetspot

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



506A54



808A82



666A50



3F4540



C4C4C4



454545

Same Dimension

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



506A54



628A68



506A61



303631



007512



00F526

Inverse Universe

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



6A5066



8A6284



6A5059



363035



750063



F500CF

Previews

White Background



This preview shows how the Hex color 506A54 looks on a white background.

Color Contrast Check

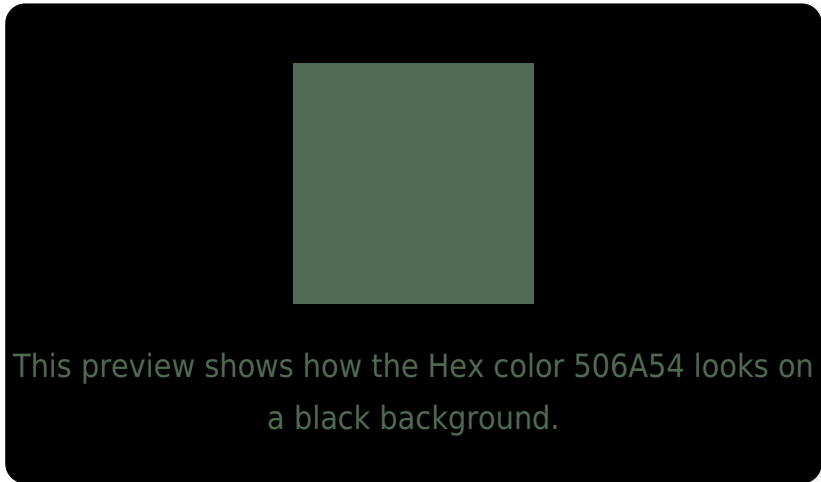
Large Text (above 18pt) WCAG AA ✓ Pass

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

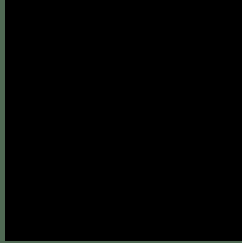
Any Text WCAG AA × Fail

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 506A54 Background



This preview shows how black text looks on a background with the Hex color 506A54.



This preview shows how white text looks on a background with the Hex color 506A54.

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](#).

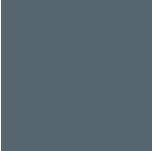
Dichromacy



Original Color
506A54

Protanopia
696351

Deuteranopia
726056



Tritanopia
55666F

Trichromacy



Original Color

506A54

Protanomaly

606652

Deuteranomaly

666455

Tritanomaly

536765

Monochromacy



Original Color

506A54

Achromatopsia

606060

Achromatomaly

5A645C

CSS Examples

Text

The CSS property to change the color of the text to Hex 506A54 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 #506A54 looks like.

```
.text, #text, p{  
    color:#506A54  
}
```

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 #506A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506A54
}
```

Border

The CSS property to change the border of an element to Hex 506A54 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
#506A54 }
```

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

```
.border{ border-color:#506A54 }
```

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

Here you see how a box with a 4 pixel #506A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506A54; -webkit-box-shadow:4px 4px  
4px 4px #506A54; box-shadow:4px 4px 4px  
4px #506A54 }
```

Background

The CSS property to change the background color of an element to Hex 506A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506A54 }
```

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

```
.background{ background-color:#506A54 }
```

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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