

Converting Colors

Hex(496A68)

Have a look what the booklet for
Hex(496A68) contains.

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Color

Hex(496A68)

Conversions

Conversions Part 1

Format	Color
Hex	496A68
RGB	73, 106, 104
RGB Percent	29%, 42%, 41%
CMY	0.7137, 0.5843, 0.5922
CMYK	0.31, 0.00, 0.02, 0.58
HSL	176°, 18%, 35%
HSV	176°, 31%, 42%
XYZ	10.4004, 12.7240, 15.0045
YIQ	95.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

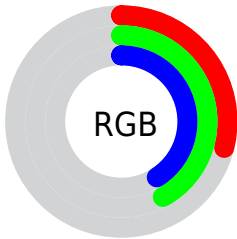
Format	Color
R_{YB}	73, 90, 106
Decimal	4811368
CIE _{Lab}	42.34, -12.33, -2.71
CIE _{LCh}	42, 12.627, 192.394
Yxy	12.7240, 0.2728, 0.3337
Android (android.graphics.Color)	4283001448 (0xFF496A68)
YUV	95.9050, 3.9908, -20.0877
Hunter-Lab	35.6707, -10.3792, 0.0298

Details

The Hex color **496A68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A494B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7B9D9B**, and **1A3B39** is the 20% darker color. If you saturate the color by 10%, you get **3E6A67**, and if you desaturate by 10%, it is **546A69**.

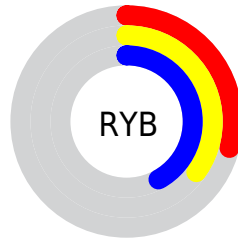
Distribution



Red (29%)

Green (42%)

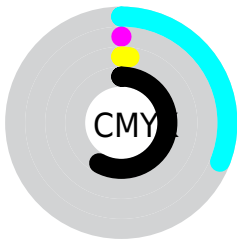
Blue (41%)



Red (29%)

Yellow (35%)

Blue (42%)

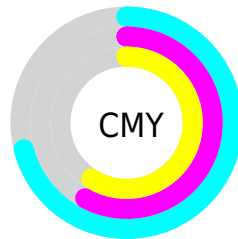


Cyan (31%)

Magenta (0%)

Yellow (2%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496A68 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 496A68 by changing the saturation by 10% instead.



496A68



496A68

FFFFFF



315250



7B9D9B



1A3B39



95B8B6



032524



B0D4D1



00100E



CCF0EE



000000



E8FFFF



496A68



496A68



3E6A67



546A69



346A67



5E6A69

■ 296A66

■ 696A6A

■ 1F6A65

■ 736A6B

■ 146A65

■ 7E6A6B

■ 096A64

■ 896A6C

■ 006A64

■ 936A6C

■ 9E6A6D

■ A86A6E

Harmonies

Analogous

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



50695D



496A68



496972

Triad

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



496A68



6B6073



726150

Complementary

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



496A68



6A494B

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.



785E56



496A68



755D6A

Square

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



496A68



5E6378



7A5D60



686550

Rectangle

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



496A68



4D6876



7A5D60



746052

Sweetspot

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



496A68



7D8A89



4B6A49



3D4544



C4C4C4



454545

Same Dimension

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



496A68



578A87



495C6A



303635



00756E



00F5E6

Inverse Universe

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



6A494B



8A575A



6A5749



363031



750007



F5000F

Previews

White Background



This preview shows how the Hex color 496A68 looks on a white background.

Color Contrast Check

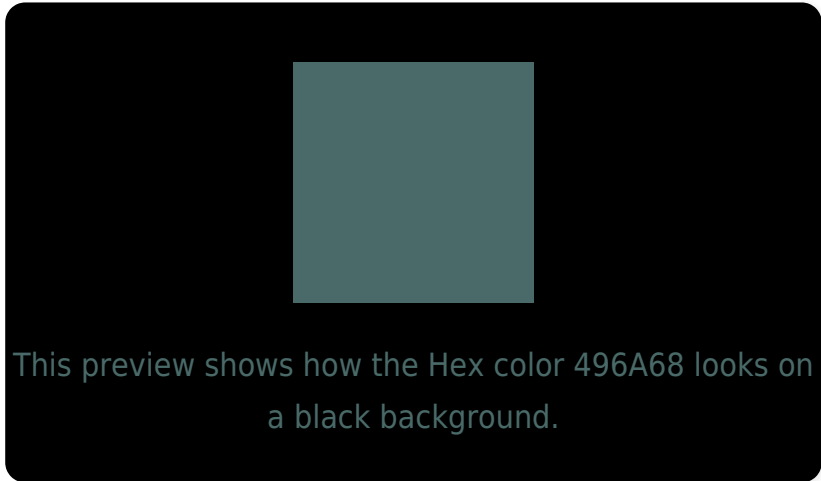
Large Text (above 18pt) WCAG AA ✓ Pass

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

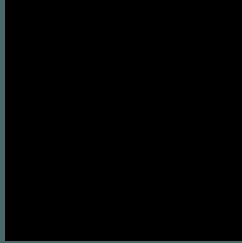
Any Text WCAG AA × Fail

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 496A68 Background



This preview shows how black text looks on a background with the Hex color 496A68.



This preview shows how white text looks on a background with the Hex color 496A68.

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
496A68

Protanopia
656364

Deuteranopia
6A616A



Tritanopia
4B6971

Trichromacy



Original Color
496A68

Protanomaly
5B6665

Deuteranomaly
5E6469

Tritanomaly
4A696E

Monochromacy



Original Color
496A68

Achromatopsia
606060

Achromatomaly
586463

CSS Examples

Text

The CSS property to change the color of the text to Hex 496A68 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 #496A68 looks like.

```
.text, #text, p{  
    color:#496A68  
}
```

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 #496A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496A68
}
```

Border

The CSS property to change the border of an element to Hex 496A68 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
#496A68 }
```

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

```
.border{ border-color:#496A68 }
```

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

Here you see how a box with a 4 pixel #496A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496A68; -webkit-box-shadow:4px 4px  
4px 4px #496A68; box-shadow:4px 4px 4px  
4px #496A68 }
```

Background

The CSS property to change the background color of an element to Hex 496A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496A68 }
```

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

```
.background{ background-color:#496A68 }
```

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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