

Converting Colors

Hex(496862)

Have a look what the booklet for
Hex(496862) contains.

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Color

Hex(496862)

Conversions

Conversions Part 1

Format	Color
Hex	496862
RGB	73, 104, 98
RGB Percent	29%, 41%, 38%
CMY	0.7137, 0.5922, 0.6157
CMYK	0.30, 0.00, 0.06, 0.59
HSL	168°, 18%, 35%
HSV	168°, 30%, 41%
XYZ	9.9026, 12.1989, 13.3880
YIQ	94.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

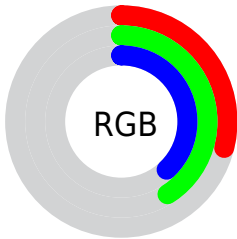
Format	Color
RYB	73, 90, 104
Decimal	4810850
CIELab	41.53, -12.70, -0.26
CIElCh	42, 12.706, 181.180
Yxy	12.1989, 0.2790, 0.3437
Android (android.graphics.Color)	4283000930 (0xFF496862)
YUV	94.0470, 1.9488, -18.4582
Hunter-Lab	34.9270, -10.5135, 1.7222

Details

The Hex color **496862** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68494F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B9B95**, and **1B3934** is the 20% darker color. If you saturate the color by 10%, you get **3F6860**, and if you desaturate by 10%, it is **536864**.

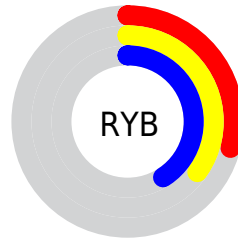
Distribution



Red (29%)

Green (41%)

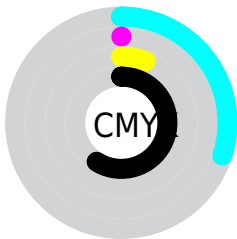
Blue (38%)



Red (29%)

Yellow (35%)

Blue (41%)

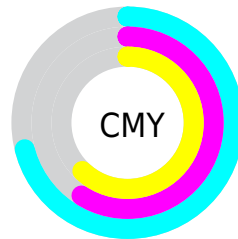


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496862 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 496862 by changing the saturation by 10% instead.

496862

496862

FFFFFF

32504A

7B9B95

1B3934

95B6AF

05231F

B0D2CB

000B06

CBEEE7

000000

E7FFFF

496862

496862

3F6860

536864

34685E

5E6866

■ 2A685C

■ 686868

■ 1F685A

■ 73686A

■ 156858

■ 7D686C

■ 0B6856

■ 87686E

■ 006854

■ 926870

■ 9C6872

■ A76874

Harmonies

Analogous

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



526758



496862



46686C

Triad

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



496862



645F74



735E50

Complementary

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



496862



68494F

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.



775B58



496862



705C6C

Square

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



496862



576377



775B62



6A614D

Rectangle

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



496862



486772



775B62



755D52

Sweetspot

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



496862



7B8785



4F6849



3D4543



C4C4C4



454545

Same Dimension

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



496862



56877E



495F68



2E3332



00735D



00F2C3

Inverse Universe

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



68494F



875660



685249



332E2F



730016



F2002F

Previews

White Background



This preview shows how the Hex color 496862 looks on a white background.

Color Contrast Check

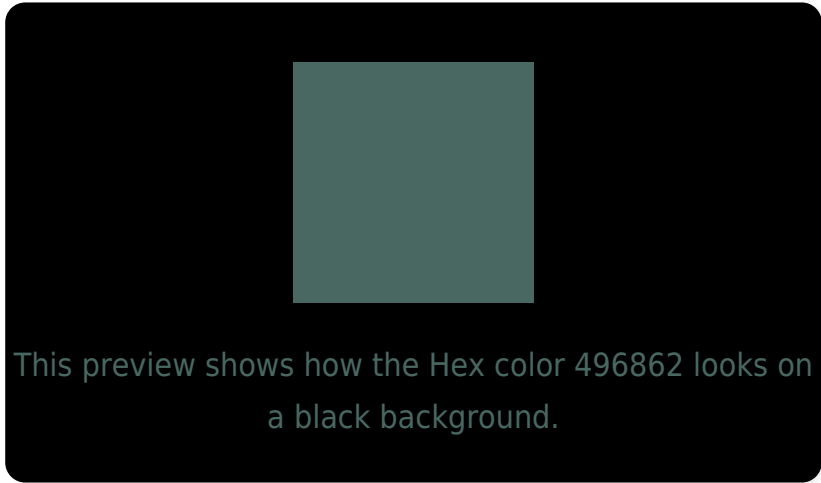
Large Text (above 18pt) WCAG AA ✓ Pass

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

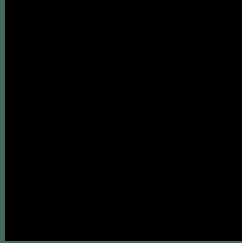
Any Text WCAG AA × Fail

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 496862 Background



This preview shows how black text looks on a background with the Hex color 496862.



This preview shows how white text looks on a background with the Hex color 496862.

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
496862

Protanopia
64615E

Deuteranopia
6A5F64



Tritanopia
4C666E

Trichromacy



Original Color
496862

Protanomaly
5A645F

Deuteranomaly
5E6263

Tritanomaly
4B676A

Monochromacy



Original Color
496862

Achromatopsia
5E5E5E

Achromatomaly
56625F

CSS Examples

Text

The CSS property to change the color of the text to Hex 496862 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 #496862 looks like.

```
.text, #text, p{  
    color:#496862  
}
```

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 #496862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496862
}
```

Border

The CSS property to change the border of an element to Hex 496862 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
#496862 }
```

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

```
.border{ border-color:#496862 }
```

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

Here you see how a box with a 4 pixel #496862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496862; -webkit-box-shadow:4px 4px  
4px 4px #496862; box-shadow:4px 4px 4px  
4px #496862 }
```

Background

The CSS property to change the background color of an element to Hex 496862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496862 }
```

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

```
.background{ background-color:#496862 }
```

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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