

# Converting Colors

Hex(448C53)

Have a look what the booklet for  
Hex(448C53) contains.

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# Color

Hex(448C53)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 448C53                       |
| RGB         | 68, 140, 83                  |
| RGB Percent | 27%, 55%, 33%                |
| CMY         | 0.7333, 0.4510, 0.6745       |
| CMYK        | 0.51, 0.00, 0.41, 0.45       |
| HSL         | 132°, 35%, 41%               |
| HSV         | 132°, 51%, 55%               |
| XYZ         | 13.3233, 20.6096, 11.4595    |
| YIQ         | 111.9740, -24.6150, -32.9910 |

# Conversions

## Conversions Part 2

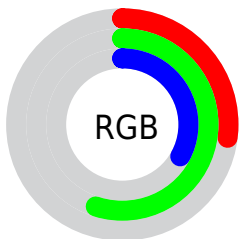
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 68, 128, 140                    |
| Decimal                             | 4492371                         |
| CIELab                              | 52.52, -35.61, 23.71            |
| CIElCh                              | 53, 42.781, 146.343             |
| Yxy                                 | 20.6096, 0.2935,<br>0.4540      |
| Android<br>(android.graphics.Color) | 4282682451<br>(0xFF448C53)      |
| YUV                                 | 111.9740, -14.2842,<br>-38.5652 |
| Hunter-Lab                          | 45.3978, -27.0602,<br>16.8123   |

# Details

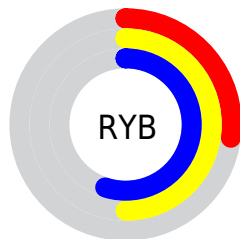
The Hex color **448C53** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C447D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **79C285**, and **055925** is the 20% darker color. If you saturate the color by 10%, you get **368C48**, and if you desaturate by 10%, it is **528C5E**.

# Distribution



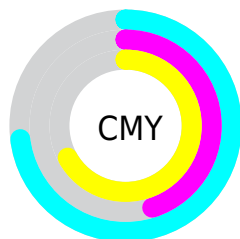
- Red (27%)
- Green (55%)
- Blue (33%)



- Red (27%)
- Yellow (50%)
- Blue (55%)



- Cyan (51%)
- Magenta (0%)
- Yellow (41%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 448C53 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 448C53 by changing the saturation by 10% instead.



 448C53

 448C53


FFFFFF

 29723B

 79C285

 055925

 94DE9F

 00410F

 B0FBBB

 002A00

 CCFFD6

 001000

 E9FFF3

 000000

 448C53

 448C53

 368C48

 528C5E

 288C3D

 608C69

 1A8C32

 6E8C74

 0C8C27

 7C8C7F

 008C1D

 8A8C8A

 988C96

 A68CA1

 B48CAC

 C28CB7

# Harmonies

## Analogous

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



728538



448C53



008F77

# Triad

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



448C53



2583C6



C1615F

# Complementary

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



448C53



8C447D

# 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.



BE5E83



448C53



7875BF

# Square

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



448C53



008BBA



A667A7



B26C41

# Rectangle

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



448C53



009091



A667A7



C25E6B



# Sweetspot

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



448C53



9AB5A0



7E8C44



4B5C4F



DBDBDB



5C5C5C



# Same Dimension

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



448C53



45B55C



448C76



3E453F



00851C



000501



# Inverse Universe

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



8C447D



B5459E



8C445A



453E43



850069



050004



# Previews

## White Background



This preview shows how the Hex color 448C53 looks on a white background.

## Color Contrast Check

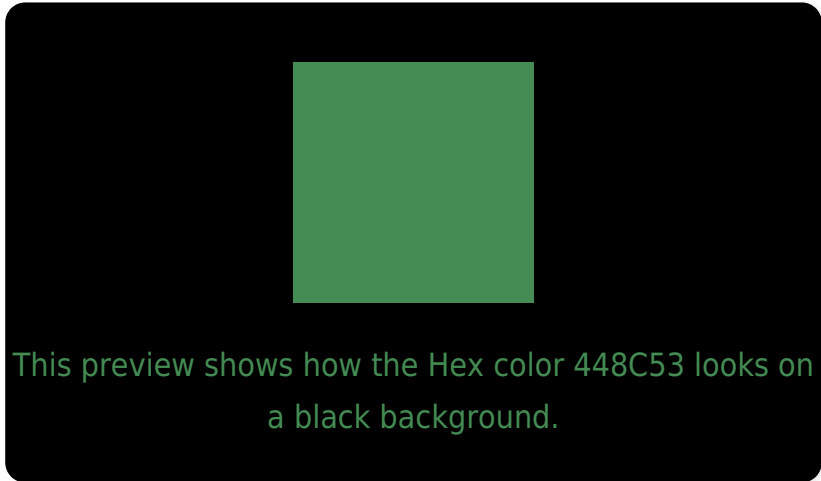
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 448C53 Background



This preview shows how black text looks on a background with the Hex color 448C53.

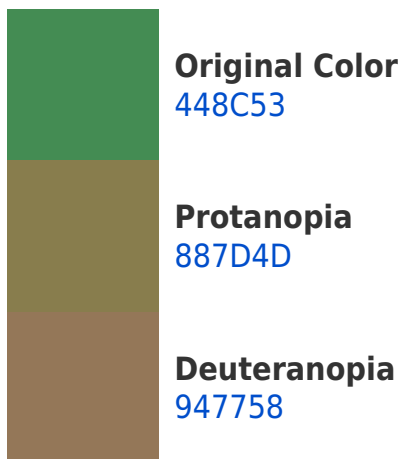


This preview shows how white text looks on a background with the Hex color 448C53.

# 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](#).

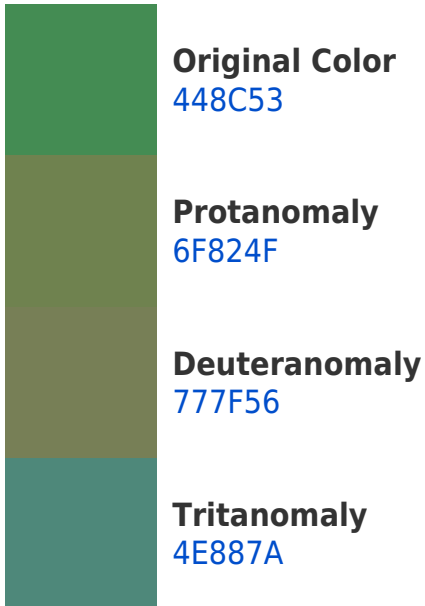
## Dichromacy



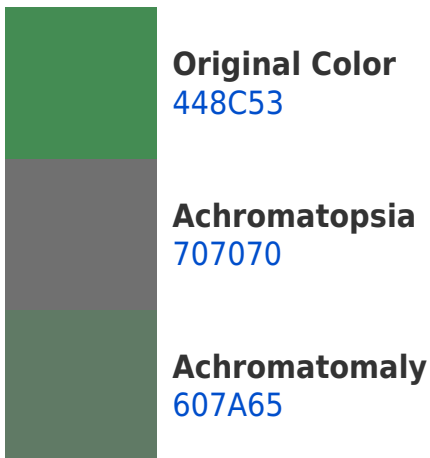


**Tritanopia**  
538590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 448C53 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 #448C53 looks like.

```
.text, #text, p{  
    color:#448C53  
}
```

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 #448C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448C53  
}
```

## Border

The CSS property to change the border of an element to Hex 448C53 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  
#448C53 }
```

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

```
.border{ border-color:#448C53 }
```

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

Here you see how a box with a 4 pixel #448C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448C53; -webkit-box-shadow:4px 4px  
4px 4px #448C53; box-shadow:4px 4px 4px  
4px #448C53 }
```

# Background

The CSS property to change the background color of an element to Hex 448C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448C53 }
```

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

```
.background{ background-color:#448C53 }
```

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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