

# Converting Colors

Hex(448549)

Have a look what the booklet for  
Hex(448549) contains.

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# Color

Hex(448549)

# Conversions

## Conversions Part 1

Format	Color
Hex	448549
RGB	68, 133, 73
RGB Percent	27%, 52%, 29%
CMY	0.7333, 0.4784, 0.7137
CMYK	0.49, 0.00, 0.45, 0.48
HSL	125°, 32%, 39%
HSV	125°, 49%, 52%
XYZ	11.9740, 18.4850, 9.2402
YIQ	106.7250, -19.4800, -32.4400

# Conversions

## Conversions Part 2

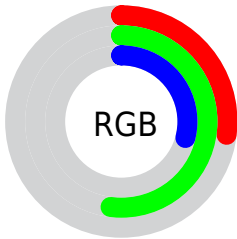
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 128, 133
Decimal	4490569
CIELab	50.08, -34.17, 26.04
CIELCh	50, 42.963, 142.692
Yxy	18.4850, 0.3016, 0.4656
Android (android.graphics.Color)	4282680649 (0xFF448549)
YUV	106.7250, -16.6264, -33.9618
Hunter-Lab	42.9942, -25.5271, 17.3535

# Details

The Hex color **448549** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **854480**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78BB7B**, and **0A531B** is the 20% darker color. If you saturate the color by 10%, you get **37853D**, and if you desaturate by 10%, it is **518555**.

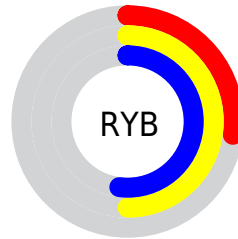
# Distribution



Red (27%)

Green (52%)

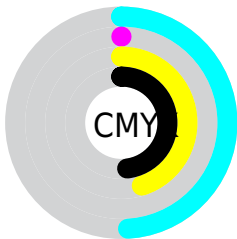
Blue (29%)



Red (27%)

Yellow (50%)

Blue (52%)

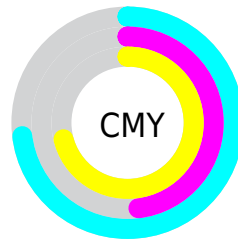


Cyan (49%)

Magenta (0%)

Yellow (45%)

Black (48%)



Cyan (73%)

Magenta (48%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 448549 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 448549 by changing the saturation by 10% instead.



 448549

 448549

FFFFFF

 2A6B32

 78BB7B

 0A531B

 93D795

 003B03

 AFF3AF

 002600

 CBFFCB

 000100

 E8FFE7

 000000

 448549

 448549

 37853D

 518555

 298530

 5F8562

 1C8524

 6C856E

 0F8518

 79857A

 01850C

 878586

 00850A

 948593

 A1859F

 AE85AB

 BC85B7

# Harmonies

## Analogous

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



717D30



448549



00896D

# Triad

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



448549



007EBF



BB595D

# Complementary

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



448549



854480

# 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.



B65882



448549



6A71BB

# Square

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



448549



0086B1



9B62A4



AE643E

# Rectangle

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



448549



008986



9B62A4



BB5769



# Sweetspot

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



448549



93AD95



818544



475748



D6D6D6



575757



# Same Dimension

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



448549



47AD4F



448569



3C423C



00820A



000300



# Inverse Universe

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



854480



AD47A6



854460



423C42



820078



030002



# Previews

## White Background



This preview shows how the Hex color 448549 looks on a white background.

## Color Contrast Check

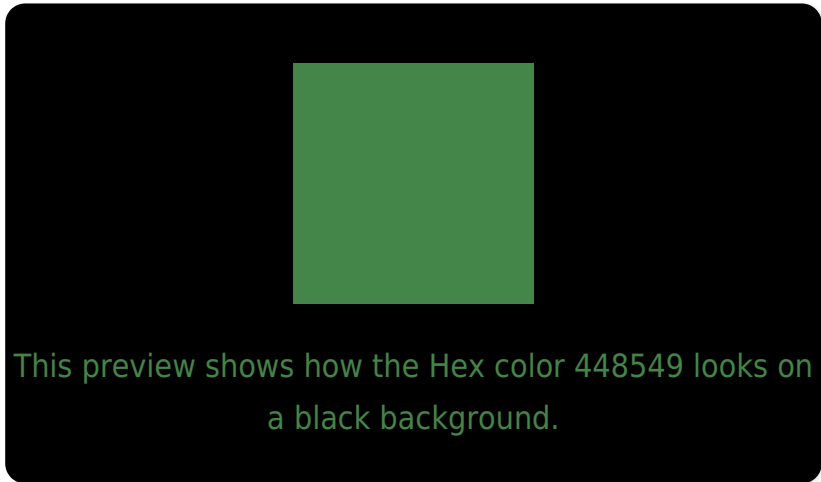
Large Text (above 18pt) WCAG AA ✓ Pass

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

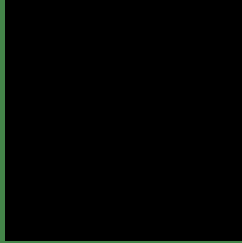
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 448549 Background



This preview shows how black text looks on a background with the Hex color 448549.

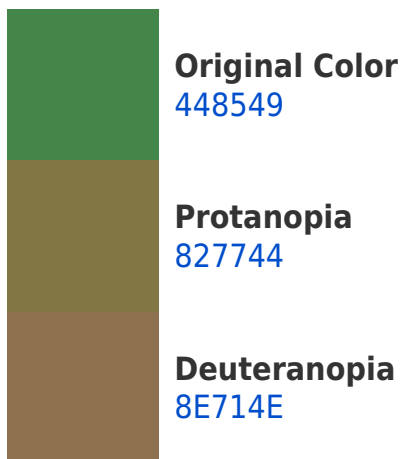


This preview shows how white text looks on a background with the Hex color 448549.

# 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](#).

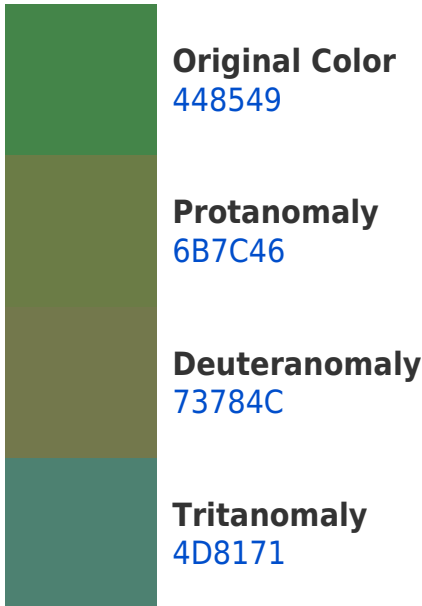
## Dichromacy



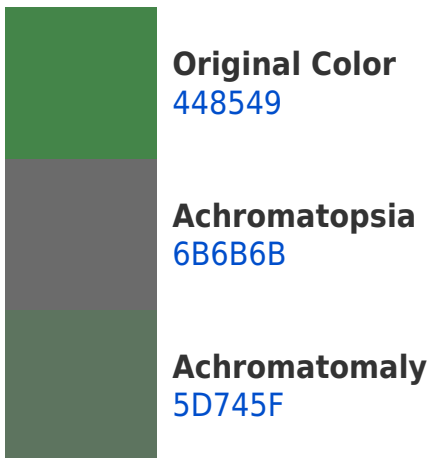


**Tritanopia**  
527E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 448549 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 #448549 looks like.

```
.text, #text, p{  
    color:#448549  
}
```

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 #448549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448549
}
```

## Border

The CSS property to change the border of an element to Hex 448549 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
#448549 }
```

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

```
.border{ border-color:#448549 }
```

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

Here you see how a box with a 4 pixel #448549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448549; -webkit-box-shadow:4px 4px  
4px 4px #448549; box-shadow:4px 4px 4px  
4px #448549 }
```

# Background

The CSS property to change the background color of an element to Hex 448549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448549 }
```

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

```
.background{ background-color:#448549 }
```

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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