

# Converting Colors

Hex(448015)

Have a look what the booklet for  
Hex(448015) contains.

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# Color

Hex(448015)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	448015
RGB	68, 128, 21
RGB Percent	27%, 50%, 8%
CMY	0.7333, 0.4980, 0.9176
CMYK	0.47, 0.00, 0.84, 0.50
HSL	94°, 72%, 29%
HSV	94°, 84%, 50%
XYZ	10.2384, 16.7214, 3.3974
YIQ	97.8620, -1.4130, -45.9970

# Conversions

## Conversions Part 2

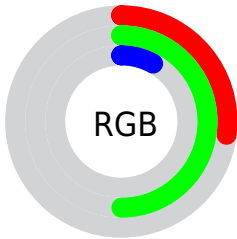
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 128, 81
Decimal	4489237
CIELab	47.91, -37.56, 47.22
CIELCh	48, 60.336, 128.498
Yxy	16.7214, 0.3373, 0.5508
Android (android.graphics.Color)	4282679317 (0xFF448015)
YUV	97.8620, -37.8930, -26.1890
Hunter-Lab	40.8918, -26.8682, 23.6983

# Details

The Hex color **448015** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **511580**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7AB54B**, and **084E00** is the 20% darker color. If you saturate the color by 10%, you get **3D8008**, and if you desaturate by 10%, it is **4B8022**.

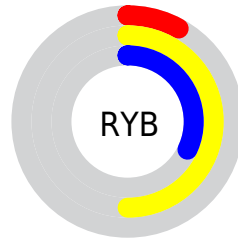
# Distribution



Red (27%)

Green (50%)

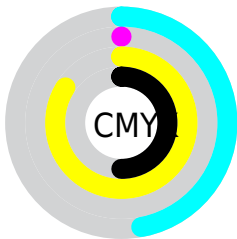
Blue (8%)



Red (8%)

Yellow (50%)

Blue (32%)

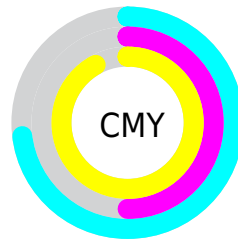


Cyan (47%)

Magenta (0%)

Yellow (84%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 448015 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 448015 by changing the saturation by 10% instead.



 448015

 448015

FFFFFF

 286700

 7AB54B

 084E00

 95D165

 003600

 B1EE7F

 002300

 CEFF9A

 000000

 EBFFB6

 FFFFD2

 FFFFEE

 448015

 448015

 3D8008

 4B8022

 388000

 52802F

 5A803B

 618048

 688055

 6F8062

 76806F

 7D807B

 858088

# Harmonies

## Analogous

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



7C7400



448015



00864A

# Triad

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



448015



0081D1



CB3A65

# Complementary

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



448015



511580

# 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.



B94498



448015



0073D7

# Square

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



448015



0088B0



855DC2



C34A35

# Rectangle

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



448015



00886D



855DC2



C93A76



# Sweetspot

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



448015



8FA67C



805015



46543B



D4D4D4



545454



# Same Dimension

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



448015



49A600



15801A



3C4039



388000



000000



# Inverse Universe

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



511580



5D00A6



80157B



3D3940



470080



000000



# Previews

## White Background



This preview shows how the Hex color 448015 looks on a white background.

## Color Contrast Check

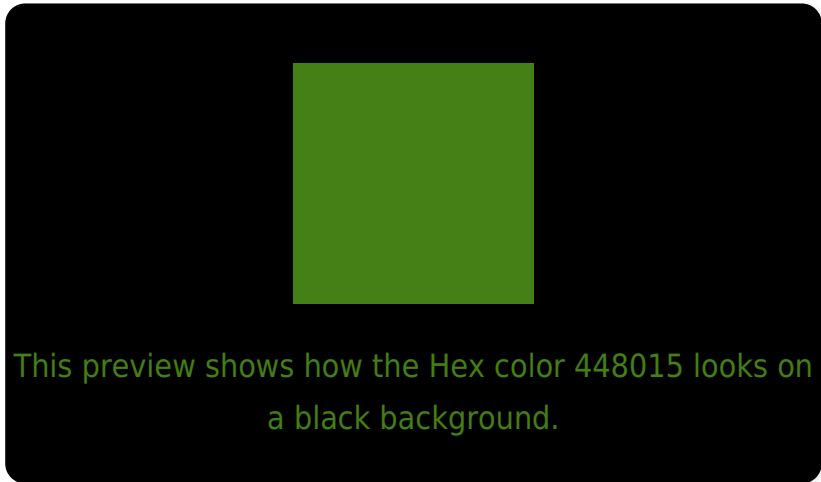
Large Text (above 18pt) WCAG AA ✓ Pass

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 448015 Background



This preview shows how black text looks on a background with the Hex color 448015.



This preview shows how white text looks on a background with the Hex color 448015.

# 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](#).

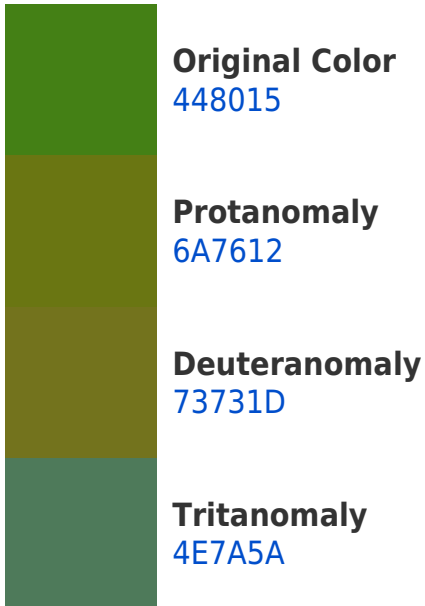
## Dichromacy





**Tritanopia**  
547781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 448015 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 #448015 looks like.

```
.text, #text, p{  
    color:#448015  
}
```

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 #448015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448015
}
```

## Border

The CSS property to change the border of an element to Hex 448015 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
#448015 }
```

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

```
.border{ border-color:#448015 }
```

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

Here you see how a box with a 4 pixel #448015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448015; -webkit-box-shadow:4px 4px  
4px 4px #448015; box-shadow:4px 4px 4px  
4px #448015 }
```

# Background

The CSS property to change the background color of an element to Hex 448015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448015 }
```

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

```
.background{ background-color:#448015 }
```

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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