

# Converting Colors

Hex(4C8507)

Have a look what the booklet for  
Hex(4C8507) contains.

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**Color**

**Hex(4C8507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C8507
RGB	76, 133, 7
RGB Percent	30%, 52%, 3%
CMY	0.7020, 0.4784, 0.9725
CMYK	0.43, 0.00, 0.95, 0.48
HSL	87°, 90%, 27%
HSV	87°, 95%, 52%
XYZ	11.4064, 18.3269, 3.1373
YIQ	101.5930, 6.4740, -51.2700

# Conversions

## Conversions Part 2

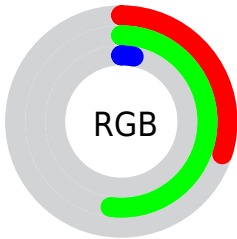
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 133, 64
Decimal	5014791
CIELab	49.89, -37.38, 52.29
CIElCh	50, 64.278, 125.562
Yxy	18.3269, 0.3470, 0.5575
Android (android.graphics.Color)	4283204871 (0xFF4C8507)
YUV	101.5930, -46.6343, -22.4451
Hunter-Lab	42.8099, -27.3574, 25.6219

# Details

The Hex color **4C8507** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **400785**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **82BB45**, and **135300** is the 20% darker color. If you saturate the color by 10%, you get **498500**, and if you desaturate by 10%, it is **528514**.

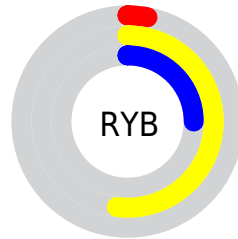
# Distribution



Red (30%)

Green (52%)

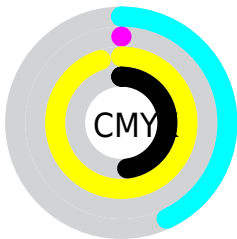
Blue (3%)



Red (3%)

Yellow (52%)

Blue (25%)

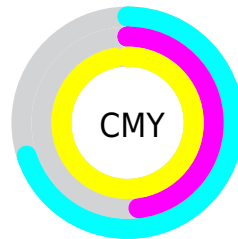


Cyan (43%)

Magenta (0%)

Yellow (95%)

Black (48%)



Cyan (70%)

Magenta (48%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C8507 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 4C8507 by changing the saturation by 10% instead.



 4C8507

 4C8507

FFFFFF

 306B00

 82BB45

 135300

 9ED75F

 003B00

 BAF37A

 002600

 D7FF95

 000000

 F5FFB1

 FFFFCD

 FFFFEA

 4C8507

 4C8507

■ 498500

■ 528514

■ 588522

■ 5E852F

■ 64853C

■ 6A854A

■ 708557

■ 768564

■ 7C8571

■ 82857F

# Harmonies

## Analogous

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



867800



4C8507



008C47

# Triad

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



4C8507



0088DA



D6396F

# Complementary

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



4C8507



400785

# 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.



BF47A5



4C8507



007AE4

# Square

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



4C8507



008EB5



8363D0



CF493A

# Rectangle

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



4C8507



008F6D



8363D0



D23A81



# Sweetspot

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



4C8507



97AD7D



854007



495739



D6D6D6



575757



# Same Dimension

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



4C8507



5FAD00



0D8507



3F423C



478200



010300



# Inverse Universe

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



400785



4E00AD



7F0785



3F3C42



3B0082



010003



# Previews

## White Background



This preview shows how the Hex color 4C8507 looks on a white background.

## Color Contrast Check

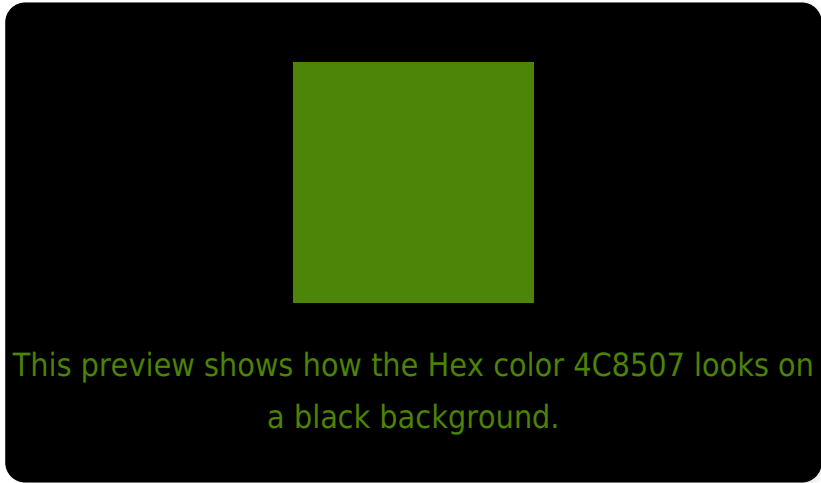
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4C8507 Background



This preview shows how black text looks on a background with the Hex color 4C8507.



This preview shows how white text looks on a background with the Hex color 4C8507.

# 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**  
4C8507

**Protanopia**  
857700

**Deuteranopia**  
95701B



**Tritanopia**  
5C7C86

# Trichromacy



**Original Color**  
4C8507

**Protanomaly**  
707C03

**Deuteranomaly**  
7A7814

**Tritanomaly**  
567F58

# Monochromacy



**Original Color**  
4C8507

**Achromatopsia**  
666666

**Achromatomaly**  
5D7143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C8507 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 #4C8507 looks like.

```
.text, #text, p{  
    color:#4C8507  
}
```

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 #4C8507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8507
}
```

## Border

The CSS property to change the border of an element to Hex 4C8507 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".

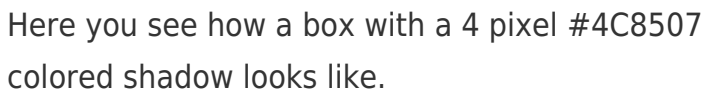
```
.border, #border, table{ border:4px solid
#4C8507 }
```

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

```
.border{ border-color:#4C8507 }
```

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

Here you see how a box with a 4 pixel #4C8507 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the green color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8507; -webkit-box-shadow:4px 4px  
4px 4px #4C8507; box-shadow:4px 4px 4px  
4px #4C8507 }
```

# Background

The CSS property to change the background color of an element to Hex 4C8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8507 }
```

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

```
.background{ background-color:#4C8507 }
```

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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