

# Converting Colors

Hex(4E8615)

Have a look what the booklet for  
Hex(4E8615) contains.

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# Color

Hex(4E8615)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E8615
RGB	78, 134, 21
RGB Percent	31%, 53%, 8%
CMY	0.6941, 0.4745, 0.9176
CMYK	0.42, 0.00, 0.84, 0.47
HSL	90°, 73%, 30%
HSV	90°, 84%, 53%
XYZ	11.8023, 18.7240, 3.7015
YIQ	104.3740, 2.8970, -47.0150

# Conversions

## Conversions Part 2

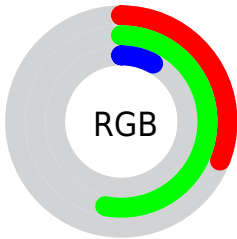
Format	Color
<a href="#">RYB</a>	<a href="#">21, 134, 77</a>
Decimal	<a href="#">5146133</a>
CIELab	<a href="#">50.36, -36.60, 49.63</a>
CIElCh	<a href="#">50, 61.665, 126.406</a>
Yxy	<a href="#">18.7240, 0.3448, 0.5470</a>
Android (android.graphics.Color)	<a href="#">4283336213 (0xFF4E8615)</a>
YUV	<a href="#">104.3740, -41.1034, -23.1300</a>
Hunter-Lab	<a href="#">43.2713, -27.0385, 25.2181</a>

# Details

The Hex color **4E8615** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4D1586**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **84BC4C**, and **165400** is the 20% darker color. If you saturate the color by 10%, you get **478608**, and if you desaturate by 10%, it is **558622**.

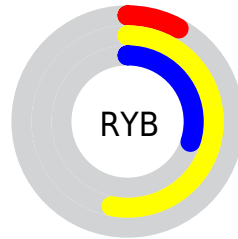
# Distribution



Red (31%)

Green (53%)

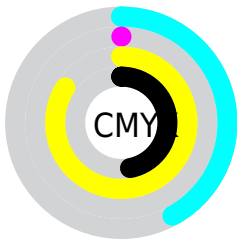
Blue (8%)



Red (8%)

Yellow (53%)

Blue (30%)

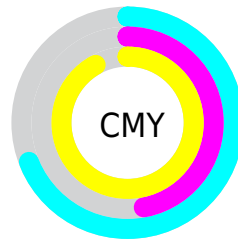


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E8615 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 4E8615 by changing the saturation by 10% instead.





4E8615



4E8615

FFFFFF



336C00



84BC4C



165400



A0D866



003C00



BCF481



002700



D9FF9C



000200



F6FFB8



000000



FFFFD4



FFFFF1



4E8615



4E8615

■ 478608

■ 558622

■ 448600

■ 5B8630

■ 62863D

■ 69864B

■ 6F8658

■ 768665

■ 7C8673

■ 838680

■ 8A868E

# Harmonies

## Analogous

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



867900



4E8615



008D4B

# Triad

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



4E8615



0088D8



D43F6F

# Complementary

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



4E8615



4D1586

# 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.



BF4BA3



4E8615



007BE1

# Square

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



4E8615



008FB5



8664CD



CD4E3C

# Rectangle

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



4E8615



008F70



8664CD



D14080



# Sweetspot

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



4E8615



98AD82



864C15



4A573D



D6D6D6



575757



# Same Dimension

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



4E8615



57AD00



178615



3F423C



428200



010300



# Inverse Universe

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



4D1586



5600AD



841586



3F3C42



400082



010003



# Previews

## White Background



This preview shows how the Hex color 4E8615 looks on a white background.

## Color Contrast Check

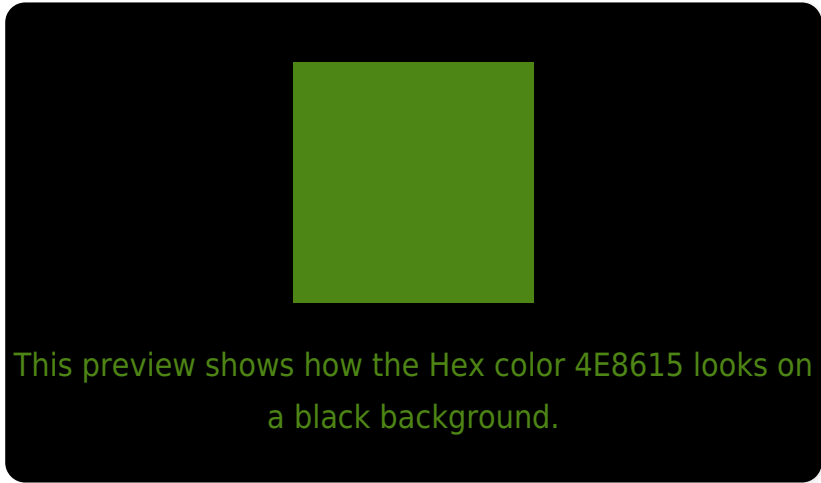
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E8615 Background



This preview shows how black text looks on a background with the Hex color 4E8615.



This preview shows how white text looks on a background with the Hex color 4E8615.

# 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**  
4E8615

**Protanopia**  
877811

**Deuteranopia**  
967121



**Tritanopia**  
5D7D87

# Trichromacy



**Original Color**  
4E8615

**Protanomaly**  
727D12

**Deuteranomaly**  
7C791D

**Tritanomaly**  
58805E

# Monochromacy



**Original Color**  
4E8615

**Achromatopsia**  
686868

**Achromatomaly**  
5F734A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E8615 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 #4E8615 looks like.

```
.text, #text, p{  
    color:#4E8615  
}
```

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 #4E8615 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8615
}
```

## Border

The CSS property to change the border of an element to Hex 4E8615 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".

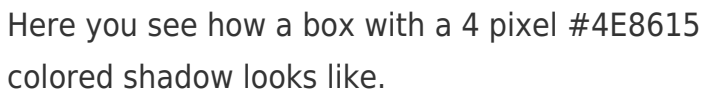
```
.border, #border, table{ border:4px solid
#4E8615 }
```

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

```
.border{ border-color:#4E8615 }
```

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

Here you see how a box with a 4 pixel #4E8615 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8615; -webkit-box-shadow:4px 4px  
4px 4px #4E8615; box-shadow:4px 4px 4px  
4px #4E8615 }
```

# Background

The CSS property to change the background color of an element to Hex 4E8615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8615 }
```

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

```
.background{ background-color:#4E8615 }
```

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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