

# Converting Colors

Hex(4E8F00)

Have a look what the booklet for  
Hex(4E8F00) contains.

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# Color

Hex(4E8F00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E8F00
RGB	78, 143, 0
RGB Percent	31%, 56%, 0%
CMY	0.6941, 0.4392, 1.0000
CMYK	0.45, 0.00, 1.00, 0.44
HSL	87°, 100%, 28%
HSV	87°, 100%, 56%
XYZ	12.9643, 21.2646, 3.4212
YIQ	107.2630, 7.1630, -58.2530

# Conversions

## Conversions Part 2

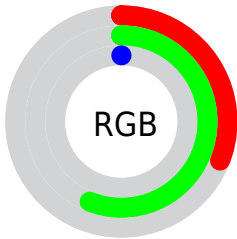
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 65
Decimal	5148416
CIELab	53.24, -41.06, 56.27
CIELCh	53, 69.654, 126.120
Yxy	21.2646, 0.3443, 0.5648
Android (android.graphics.Color)	4283338496 (0xFF4E8F00)
YUV	107.2630, -52.8807, -25.6637
Hunter-Lab	46.1136, -30.5154, 27.8807

# Details

The Hex color `4E8F00` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `41008F`, and the grayscale version is `6C6C6C`.

A 20% lighter version of the original color is `86C544`, and `115C00` is the 20% darker color. If you saturate the color by 10%, you get `4E8F00`, and if you desaturate by 10%, it is `548F0E`.

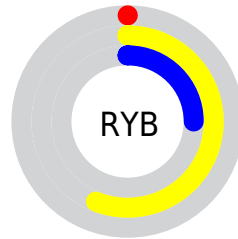
# Distribution



Red (31%)

Green (56%)

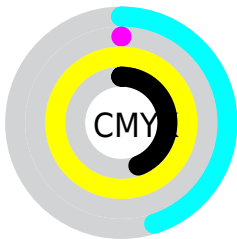
Blue (0%)



Red (0%)

Yellow (56%)

Blue (25%)

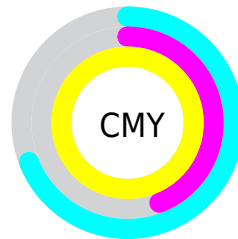


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (69%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E8F00 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 4E8F00 by changing the saturation by 10% instead.




 4E8F00

 4E8F00

FFFFFF

 317500

 86C544

 115C00

 A2E25F

 004400

 BEFE7A

 002D00

 DBFF95

 001300

 F9FFB1

 000000

 FFFFCE

 FFFFEB

 4E8F00

 548F0E

 5B8F1D

 618F2B

 688F39

 6E8F48

 758F56

 7B8F64

 828F72

 898F81

# Harmonies

## Analogous

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



8E8100



4E8F00



00974B

# Triad

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



4E8F00



0092ED



E73975

# Complementary

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



4E8F00



41008F

# 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.



CF49B1



4E8F00



0083F7

# Square

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



4E8F00



0099C5



8E69E1



DF4C3C

# Rectangle

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



4E8F00



009975



8E69E1



E33A8A



# Sweetspot

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



4E8F00



A1BA82



8F4000



4F5E3C



DEDEDE



5E5E5E



# Same Dimension

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



4E8F00



66BA00



078F00



444740



4A8700



040800



# Inverse Universe

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



41008F



5500BA



88008F



444047



3D0087



030008



# Previews

## White Background



This preview shows how the Hex color 4E8F00 looks on a white background.

## Color Contrast Check

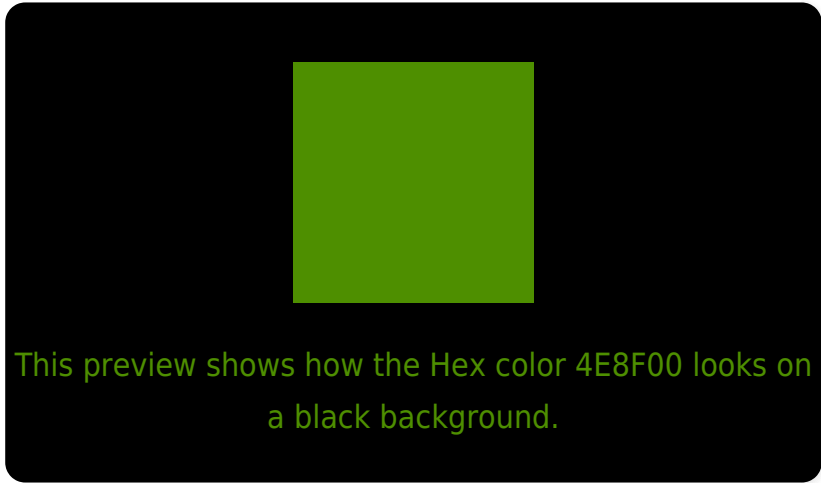
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E8F00 Background



This preview shows how black text looks on a background with the Hex color 4E8F00.

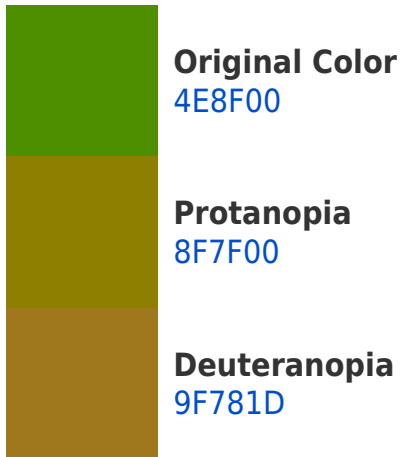


This preview shows how white text looks on a background with the Hex color 4E8F00.

# 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**  
608590

# Trichromacy



**Original Color**  
4E8F00

**Protanomaly**  
778500

**Deuteranomaly**  
828012

**Tritanomaly**  
59895C

# Monochromacy



**Original Color**  
4E8F00

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
607844

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E8F00 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 #4E8F00 looks like.

```
.text, #text, p{  
    color:#4E8F00  
}
```

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 #4E8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8F00
}
```

## Border

The CSS property to change the border of an element to Hex 4E8F00 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
#4E8F00 }
```

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

```
.border{ border-color:#4E8F00 }
```

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

Here you see how a box with a 4 pixel #4E8F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8F00; -webkit-box-shadow:4px 4px  
4px 4px #4E8F00; box-shadow:4px 4px 4px  
4px #4E8F00 }
```

# Background

The CSS property to change the background color of an element to Hex 4E8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8F00 }
```

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

```
.background{ background-color:#4E8F00 }
```

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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