

# Converting Colors

Hex(667E00)

Have a look what the booklet for  
Hex(667E00) contains.

<b>Hex(667E00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(667E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667E00
RGB	102, 126, 0
RGB Percent	40%, 49%, 0%
CMY	0.6000, 0.5059, 1.0000
CMYK	0.19, 0.00, 1.00, 0.51
HSL	71°, 100%, 25%
HSV	71°, 100%, 49%
XYZ	12.9403, 17.7465, 2.7434
YIQ	104.4600, 26.1420, -44.2740

# Conversions

## Conversions Part 2

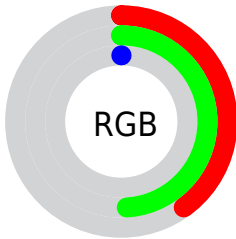
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 126, 24
Decimal	6716928
CIELab	49.19, -23.76, 53.76
CIELCh	49, 58.775, 113.843
Yxy	17.7465, 0.3871, 0.5309
Android (android.graphics.Color)	4284907008 (0xFF667E00)
YUV	104.4600, -51.4988, -2.1574
Hunter-Lab	42.1266, -18.8903, 25.6275

# Details

The Hex color **667E00** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18007E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9CB341**, and **324D00** is the 20% darker color. If you saturate the color by 10%, you get **667E00**, and if you desaturate by 10%, it is **687E0D**.

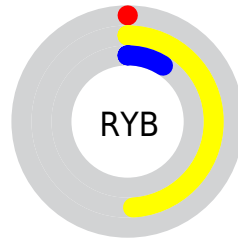
# Distribution



Red (40%)

Green (49%)

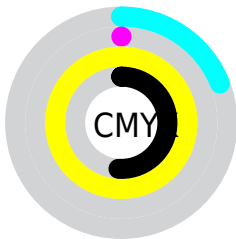
Blue (0%)



Red (0%)

Yellow (49%)

Blue (9%)

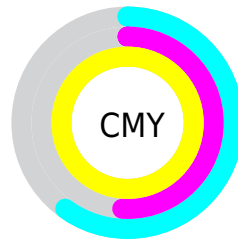


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667E00 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 667E00 by changing the saturation by 10% instead.



 667E00

 667E00

FFFFFF

 4C6500

 9CB341

 324D00

 B9CE5B

 173600

 D5EA76

 002100

 F2FF91

 000000

 FFFFAC

 FFFFC8

 FFFF55

 667E00

 687E0D

 6B7E19

 6D7E26

 707E32

 727E3F

 747E4C

 777E58

 797E65

 7C7E71

# Harmonies

## Analogous

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



956F00



667E00



188736

# Triad

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



667E00



0088C5



C84281

# Complementary

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



667E00



18007E

# 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.



A755B0



667E00



007ED8

# Square

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



667E00



008C9C



5F6CD1



CC4650

# Rectangle

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



667E00



008A57



5F6CD1



C04692



# Sweetspot

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



667E00



9AA372



7E1700



4C5234



D1D1D1



525252



# Same Dimension

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



667E00



84A300



287E00



3F4039



678000



000000



# Inverse Universe

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



18007E



1F00A3



56007E



3B3940



180080



000000



# Previews

## White Background



This preview shows how the Hex color 667E00 looks on a white background.

## Color Contrast Check

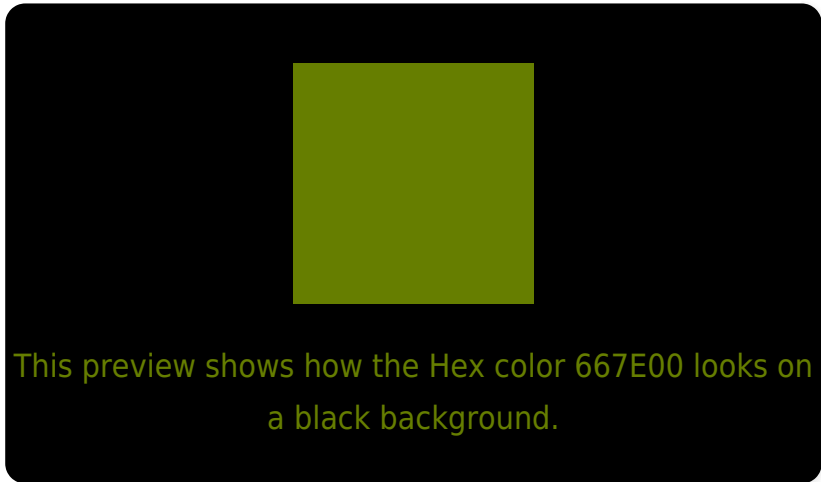
Large Text (above 18pt) WCAG AA ✓ Pass

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 667E00 Background



This preview shows how black text looks on a background with the Hex color 667E00.



This preview shows how white text looks on a background with the Hex color 667E00.

# 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

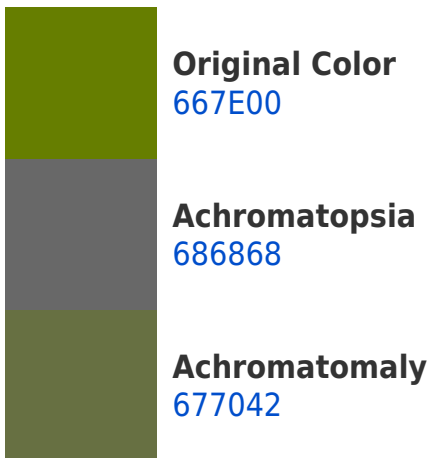




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667E00 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 #667E00 looks like.

```
.text, #text, p{  
    color:#667E00  
}
```

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 #667E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667E00
}
```

## Border

The CSS property to change the border of an element to Hex 667E00 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
#667E00 }
```

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

```
.border{ border-color:#667E00 }
```

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

Here you see how a box with a 4 pixel #667E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667E00; -webkit-box-shadow:4px 4px  
4px 4px #667E00; box-shadow:4px 4px 4px  
4px #667E00 }
```

# Background

The CSS property to change the background color of an element to Hex 667E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667E00 }
```

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

```
.background{ background-color:#667E00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor