

# Converting Colors

Hex(667814)

Have a look what the booklet for  
Hex(667814) contains.

<b>Hex(667814)</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(667814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667814
RGB	102, 120, 20
RGB Percent	40%, 47%, 8%
CMY	0.6000, 0.5294, 0.9216
CMYK	0.15, 0.00, 0.83, 0.53
HSL	71°, 71%, 27%
HSV	71°, 83%, 47%
XYZ	12.3222, 16.3082, 3.1602
YIQ	103.2180, 21.3720, -34.9160

# Conversions

## Conversions Part 2

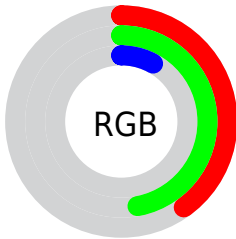
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 120, 38
Decimal	6715412
CIE <sub>Lab</sub>	47.38, -20.12, 47.81
CIE <sub>LCh</sub>	47, 51.866, 112.820
Yxy	16.3082, 0.3876, 0.5130
Android (android.graphics.Color)	4284905492 (0xFF667814)
YUV	103.2180, -41.0265, -1.0682
Hunter-Lab	40.3834, -16.2052, 23.6287

# Details

The Hex color **667814** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **261478**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9CAC4A**, and **344700** is the 20% darker color. If you saturate the color by 10%, you get **647808**, and if you desaturate by 10%, it is **687820**.

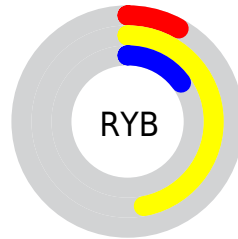
# Distribution



Red (40%)

Green (47%)

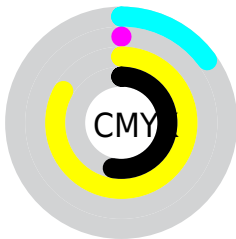
Blue (8%)



Red (8%)

Yellow (47%)

Blue (15%)

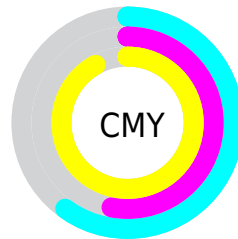


Cyan (15%)

Magenta (0%)

Yellow (83%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667814 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 667814 by changing the saturation by 10% instead.





667814



667814

FFFFFF



4C5F00



9CAC4A



344700



B8C863



1A3100



D4E47E



001D00



F1FF99



000000



FFFFB4



FFFFD0



FFFFED



667814



667814

■ 647808

■ 687820

■ 627800

■ 6A782C

■ 6C7838

■ 6F7844

■ 717850

■ 73785C

■ 757868

■ 777874

■ 797880

# Harmonies

## Analogous

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



8F6B0C



667814



2B8038

# Triad

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



667814



0081B5



B9477D

# Complementary

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



667814



261478

# 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.



9B56A6



667814



0079C7

# Square

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



667814



008591



5C69C1



BE4951

# Rectangle

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



667814



008355



5C69C1



B24A8B



# Sweetspot

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



667814



959C75



782514



4B4F37



CFCFCF



4F4F4F



# Same Dimension

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



667814



809C00



357814



3C3D37



667D00



CFFC00



# Inverse Universe

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



261478



1C009C



571478



38373D



16007D



2D00FC



# Previews

## White Background



This preview shows how the Hex color 667814 looks on a white background.

## Color Contrast Check

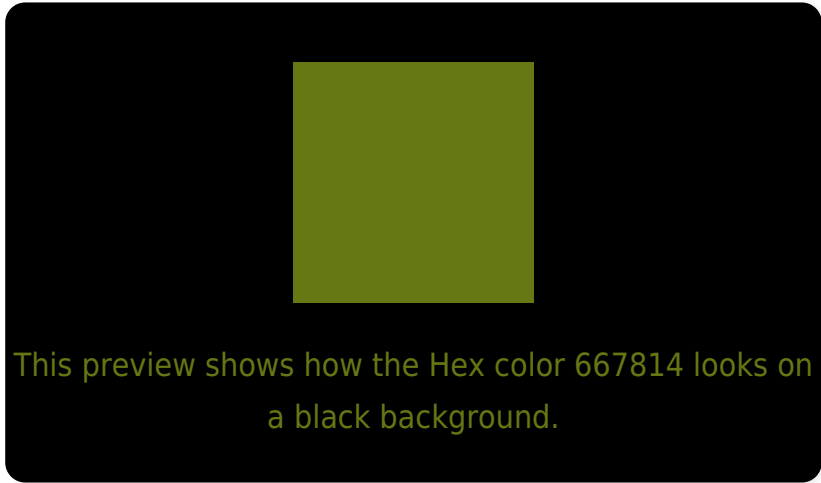
Large Text (above 18pt) WCAG AA ✓ Pass

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

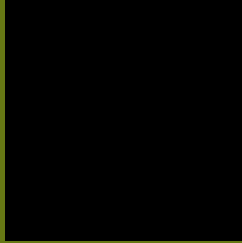
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 667814 Background



This preview shows how black text looks on a background with the Hex color 667814.



This preview shows how white text looks on a background with the Hex color 667814.

# 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**  
667814

**Protanopia**  
7E7112

**Deuteranopia**  
8D6A1C



**Tritanopia**  
6F7079

# Trichromacy



**Original Color**  
667814

**Protanomaly**  
757413

**Deuteranomaly**  
7F6F19

**Tritanomaly**  
6C7354

# Monochromacy



**Original Color**  
667814

**Achromatopsia**  
676767

**Achromatomaly**  
676D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667814 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 #667814 looks like.

```
.text, #text, p{  
    color:#667814  
}
```

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 #667814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667814
}
```

## Border

The CSS property to change the border of an element to Hex 667814 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
#667814 }
```

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

```
.border{ border-color:#667814 }
```

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

Here you see how a box with a 4 pixel #667814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667814; -webkit-box-shadow:4px 4px  
4px 4px #667814; box-shadow:4px 4px 4px  
4px #667814 }
```

# Background

The CSS property to change the background color of an element to Hex 667814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667814 }
```

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

```
.background{ background-color:#667814 }
```

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