

# Converting Colors

Hex(6C7A14)

Have a look what the booklet for  
Hex(6C7A14) contains.

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**Color**

**Hex(6C7A14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7A14
RGB	108, 122, 20
RGB Percent	42%, 48%, 8%
CMY	0.5765, 0.5216, 0.9216
CMYK	0.11, 0.00, 0.84, 0.52
HSL	68°, 72%, 28%
HSV	68°, 84%, 48%
XYZ	13.2701, 17.1577, 3.2742
YIQ	106.1860, 24.3980, -34.6900

# Conversions

## Conversions Part 2

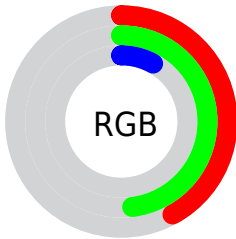
Format	Color
<b>RYB</b>	20, 122, 34
Decimal	7109140
CIELab	48.46, -18.45, 48.94
CIELCh	48, 52.303, 110.655
Yxy	17.1577, 0.3937, 0.5091
Android (android.graphics.Color)	4285299220 (0xFF6C7A14)
YUV	106.1860, -42.4897, 1.5909
Hunter-Lab	41.4219, -15.3030, 24.3088

# Details

The Hex color **6C7A14** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22147A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A2AE4A**, and **394900** is the 20% darker color. If you saturate the color by 10%, you get **6A7A08**, and if you desaturate by 10%, it is **6E7A20**.

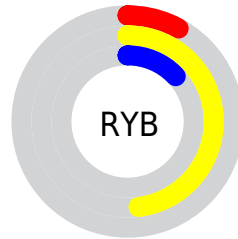
# Distribution



Red (42%)

Green (48%)

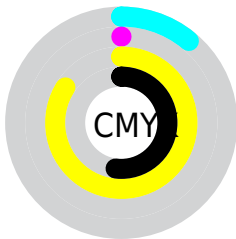
Blue (8%)



Red (8%)

Yellow (48%)

Blue (13%)

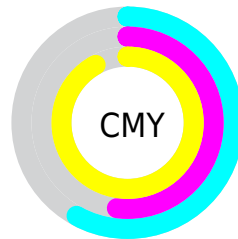


Cyan (11%)

Magenta (0%)

Yellow (84%)

Black (52%)



Cyan (58%)

Magenta (52%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7A14 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 6C7A14 by changing the saturation by 10% instead.





6C7A14



6C7A14

FFFFFF



526100



A2AE4A



394900



BECA64



1F3300



DBE67E



001E00



F8FF99



000000



FFFFB5



FFFFD1



FFFFEE



6C7A14



6C7A14

■ 6A7A08

■ 6E7A20

■ 697A00

■ 6F7A2C

■ 717A39

■ 737A45

■ 747A51

■ 767A5D

■ 787A69

■ 797A76

■ 7B7A82

# Harmonies

## Analogous

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



956C10



6C7A14



338337

# Triad

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



6C7A14



0085B7



BC4A83

# Complementary

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



6C7A14



22147A

# 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.



9B5AAC



6C7A14



007CCA

# Square

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



6C7A14



008891



596DC6



C24A57

# Rectangle

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



6C7A14



008654



596DC6



B44E91



# Sweetspot

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



6C7A14



999E77



7A2214



4C4F37



CFCFCF



4F4F4F



# Same Dimension

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



6C7A14



889E00



397A14



3C3D37



6C7D00



DAFC00



# Inverse Universe

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



22147A



16009E



55147A



38373D



11007D



2300FC



# Previews

## White Background



This preview shows how the Hex color 6C7A14 looks on a white background.

## Color Contrast Check

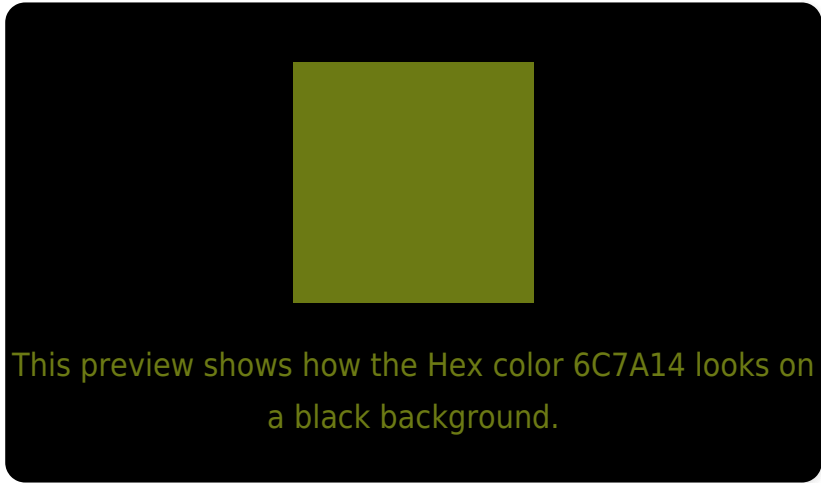
Large Text (above 18pt) WCAG AA ✓ Pass

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

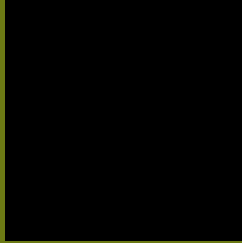
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C7A14 Background



This preview shows how black text looks on a background with the Hex color 6C7A14.



This preview shows how white text looks on a background with the Hex color 6C7A14.

# 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**  
6C7A14

**Protanopia**  
827312

**Deuteranopia**  
916D1C



**Tritanopia**  
75727A

# Trichromacy



**Original Color**  
6C7A14

**Protanomaly**  
7A7613

**Deuteranomaly**  
847219

**Tritanomaly**  
727555

# Monochromacy



**Original Color**  
6C7A14

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6B704B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7A14 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 #6C7A14 looks like.

```
.text, #text, p{  
    color:#6C7A14  
}
```

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 #6C7A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7A14
}
```

## Border

The CSS property to change the border of an element to Hex 6C7A14 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
#6C7A14 }
```

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

```
.border{ border-color:#6C7A14 }
```

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

Here you see how a box with a 4 pixel #6C7A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7A14; -webkit-box-shadow:4px 4px  
4px 4px #6C7A14; box-shadow:4px 4px 4px  
4px #6C7A14 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7A14 }
```

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

```
.background{ background-color:#6C7A14 }
```

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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