

# Converting Colors

Hex(6C9007)

Have a look what the booklet for  
Hex(6C9007) contains.

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**Color**

**Hex(6C9007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C9007
RGB	108, 144, 7
RGB Percent	42%, 56%, 3%
CMY	0.5765, 0.4353, 0.9725
CMYK	0.25, 0.00, 0.95, 0.44
HSL	76°, 91%, 30%
HSV	76°, 95%, 56%
XYZ	16.1960, 23.1500, 3.8158
YIQ	117.6180, 22.5210, -50.2390

# Conversions

## Conversions Part 2

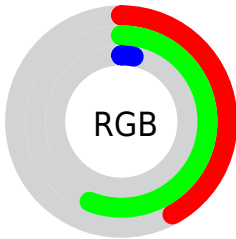
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 144, 43
Decimal	7114759
CIELab	55.23, -29.81, 57.36
CIELCh	55, 64.640, 117.464
Yxy	23.1500, 0.3752, 0.5364
Android (android.graphics.Color)	4285304839 (0xFF6C9007)
YUV	117.6180, -54.5347, -8.4350
Hunter-Lab	48.1145, -24.1149, 28.9780

# Details

The Hex color **6C9007** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2B0790**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A3C648**, and **375D00** is the 20% darker color. If you saturate the color by 10%, you get **6A9000**, and if you desaturate by 10%, it is **709015**.

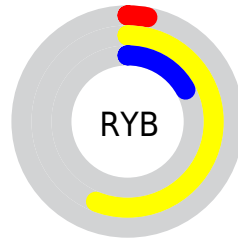
# Distribution



Red (42%)

Green (56%)

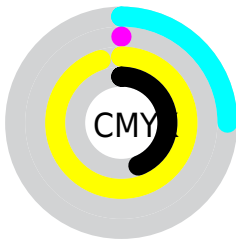
Blue (3%)



Red (3%)

Yellow (56%)

Blue (17%)

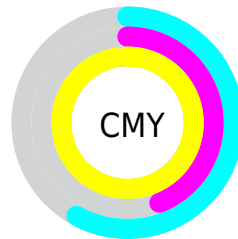


Cyan (25%)

Magenta (0%)

Yellow (95%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C9007 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 6C9007 by changing the saturation by 10% instead.





6C9007



6C9007

FFFFFF



517600



A3C648



375D00



C0E263



1B4600



D0FF7E



002F00



FAFF99



001B00



FFFFB5



000000



FFFFD2



FFFFEF



6C9007



6C9007

■ 6A9000

■ 709015

■ 749024

■ 779032

■ 7B9041

■ 7F904F

■ 83905D

■ 86906C

■ 8A907A

■ 8E9089

# Harmonies

## Analogous

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



A38000



6C9007



009944

# Triad

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



6C9007



0099E2



E4498B

# Complementary

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



6C9007



2B0790

# 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.



C35DC1



6C9007



008CF5

# Square

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



6C9007



009EB7



7877E8



E55154

# Rectangle

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



6C9007



009C6A



7877E8



DD4E9E



# Sweetspot

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



6C9007



ACBA84



902907



565E3D



DEDEDE



5E5E5E



# Same Dimension

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



6C9007



89BA00



299007



464740



648700



060800



# Inverse Universe

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



2B0790



3100BA



6E0790



424047



240087



020008



# Previews

## White Background



This preview shows how the Hex color 6C9007 looks on a white background.

## Color Contrast Check

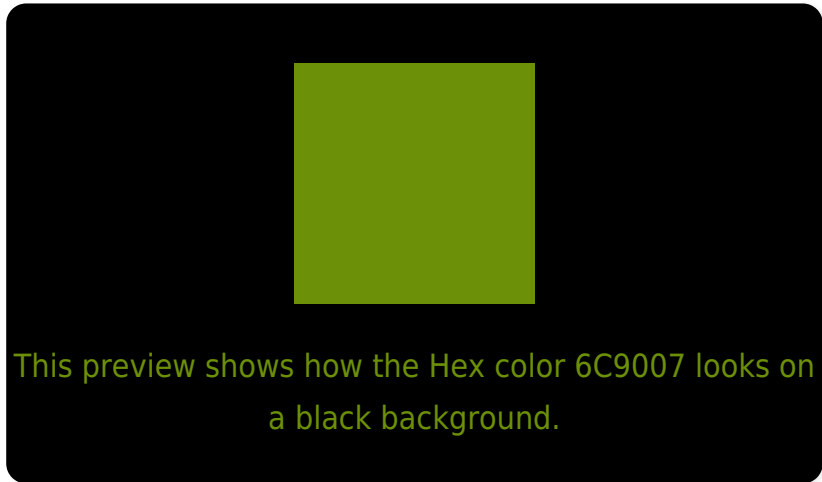
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C9007 Background



This preview shows how black text looks on a background with the Hex color 6C9007.

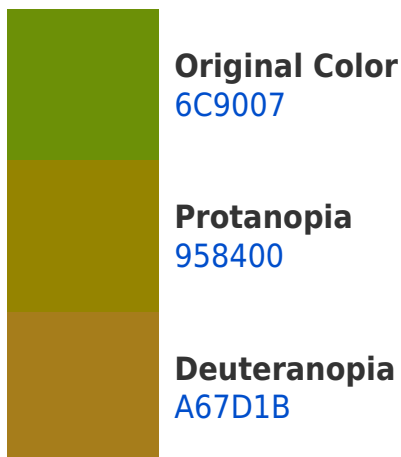


This preview shows how white text looks on a background with the Hex color 6C9007.

# 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**  
798690

# Trichromacy



**Original Color**  
6C9007

**Protanomaly**  
868803

**Deuteranomaly**  
918414

**Tritanomaly**  
748A5E

# Monochromacy



**Original Color**  
6C9007

**Achromatopsia**  
767676

**Achromatomaly**  
727F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C9007 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 #6C9007 looks like.

```
.text, #text, p{  
    color:#6C9007  
}
```

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 #6C9007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9007
}
```

## Border

The CSS property to change the border of an element to Hex 6C9007 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
#6C9007 }
```

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

```
.border{ border-color:#6C9007 }
```

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

Here you see how a box with a 4 pixel #6C9007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9007; -webkit-box-shadow:4px 4px  
4px 4px #6C9007; box-shadow:4px 4px 4px  
4px #6C9007 }
```

# Background

The CSS property to change the background color of an element to Hex 6C9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9007 }
```

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

```
.background{ background-color:#6C9007 }
```

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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