

# Converting Colors

Hex(6C7500)

Have a look what the booklet for  
Hex(6C7500) contains.

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**Color**

**Hex(6C7500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7500
RGB	108, 117, 0
RGB Percent	42%, 46%, 0%
CMY	0.5765, 0.5412, 1.0000
CMYK	0.08, 0.00, 1.00, 0.54
HSL	65°, 100%, 23%
HSV	65°, 100%, 46%
XYZ	12.5456, 15.9107, 2.4099
YIQ	100.9710, 32.1930, -38.2950

# Conversions

## Conversions Part 2

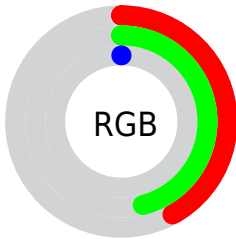
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 117, 9
Decimal	7107840
CIELab	46.86, -16.36, 52.22
CIELCh	47, 54.723, 107.393
Yxy	15.9107, 0.4065, 0.5155
Android (android.graphics.Color)	4285297920 (0xFF6C7500)
YUV	100.9710, -49.7787, 6.1644
Hunter-Lab	39.8882, -13.6627, 24.3398

# Details

The Hex color **6C7500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **090075**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A3A93F**, and **384500** is the 20% darker color. If you saturate the color by 10%, you get **6C7500**, and if you desaturate by 10%, it is **6D750C**.

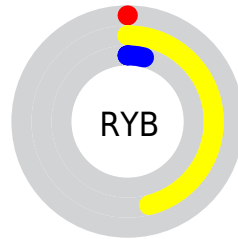
# Distribution



Red (42%)

Green (46%)

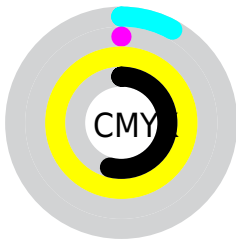
Blue (0%)



Red (0%)

Yellow (46%)

Blue (4%)

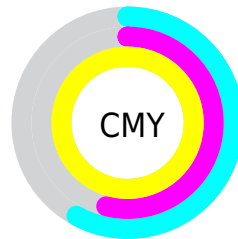


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7500 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 6C7500 by changing the saturation by 10% instead.



 6C7500

 6C7500

FFFFFF

 525C00

 A3A93F

 384500

 BFC459

 1F2F00

 DCE073

 001B00

 F9FD8E

 000000

 FFFFAA

 FFFFC6

 FFFFEE

 6C7500


 6D750C

 6E7517

 6F7523

 70752F

 71753B

 717546

 727552

 73755E

 747569

# Harmonies

## Analogous

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



956603



6C7500



337E2C

# Triad

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



6C7500



0082B2



B84384

# Complementary

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



6C7500



090075

# 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.



9256AE



6C7500



007AC9

# Square

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



6C7500



008489



446BC7



C14256

# Rectangle

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



6C7500



00824A



446BC7



AF4993



# Sweetspot

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



6C7500



95996B



750800



4A4D31



CCCCCC



4D4D4D



# Same Dimension

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



6C7500



8D9900



337500



3A3B35



717A00



E7FA00



# Inverse Universe

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



090075



0C0099



420075



35353B



09007A



1300FA



# Previews

## White Background



This preview shows how the Hex color 6C7500 looks on a white background.

## Color Contrast Check

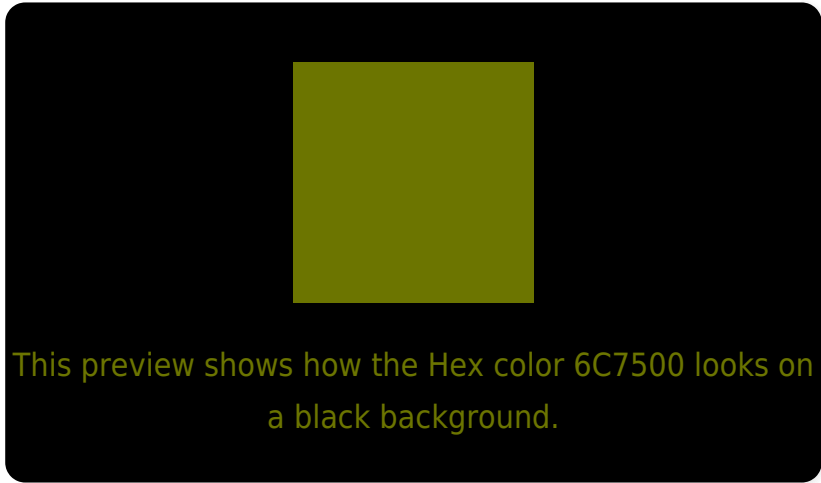
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C7500 Background



This preview shows how black text looks on a background with the Hex color 6C7500.



This preview shows how white text looks on a background with the Hex color 6C7500.

# 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**  
6C7500

**Protanopia**  
7D6F00

**Deuteranopia**  
8C6913



**Tritanopia**  
746D75

# Trichromacy



**Original Color**  
6C7500

**Protanomaly**  
777100

**Deuteranomaly**  
806D0C

**Tritanomaly**  
71704A

# Monochromacy



**Original Color**  
6C7500

**Achromatopsia**  
656565

**Achromatomaly**  
686B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7500 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 #6C7500 looks like.

```
.text, #text, p{  
    color:#6C7500  
}
```

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 #6C7500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7500
}
```

## Border

The CSS property to change the border of an element to Hex 6C7500 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
#6C7500 }
```

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

```
.border{ border-color:#6C7500 }
```

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

Here you see how a box with a 4 pixel #6C7500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7500; -webkit-box-shadow:4px 4px  
4px 4px #6C7500; box-shadow:4px 4px 4px  
4px #6C7500 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7500 }
```

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

```
.background{ background-color:#6C7500 }
```

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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