

Converting Colors

Hex(6C7700)

Have a look what the booklet for
Hex(6C7700) contains.

Hex(6C7700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C7700)

Conversions

Conversions Part 1

Format	Color
Hex	6C7700
RGB	108, 119, 0
RGB Percent	42%, 47%, 0%
CMY	0.5765, 0.5333, 1.0000
CMYK	0.09, 0.00, 1.00, 0.53
HSL	66°, 100%, 23%
HSV	66°, 100%, 47%
XYZ	12.7812, 16.3818, 2.4884
YIQ	102.1450, 31.6430, -39.3410

Conversions

Conversions Part 2

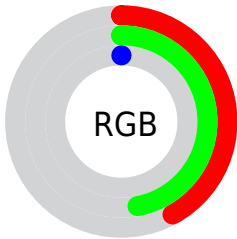
Format	Color
RYB	0, 119, 11
Decimal	7108352
CIELab	47.47, -17.42, 52.68
CIElCh	47, 55.484, 108.301
Yxy	16.3818, 0.4038, 0.5176
Android (android.graphics.Color)	4285298432 (0xFF6C7700)
YUV	102.1450, -50.3575, 5.1348
Hunter-Lab	40.4744, -14.4629, 24.6870

Details

The Hex color **6C7700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0077**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A3AB3F**, and **384700** is the 20% darker color. If you saturate the color by 10%, you get **6C7700**, and if you desaturate by 10%, it is **6D770C**.

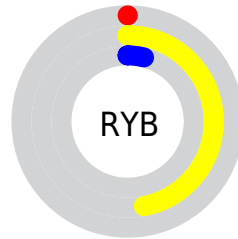
Distribution



Red (42%)

Green (47%)

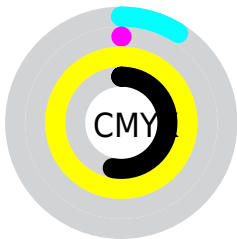
Blue (0%)



Red (0%)

Yellow (47%)

Blue (4%)

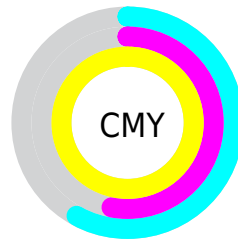


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7700 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 6C7700 by changing the saturation by 10% instead.

 6C7700

 6C7700

FFFFFF

 525E00

 A3AB3F

 384700

 BFC65A

 1F3000

 DCE274

 001D00

 F9FF8F

 000000

 FFFFAA

 FFFFC6

 FFFFEE3

 6C7700

 6D770C

 6E7718

 6F7724

 707730

 71773B

 737747

 747753

 75775F

 76776B

Harmonies

Analogous

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



966801



6C7700



31802D

Triad

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



6C7700



0084B6



BB4485

Complementary

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



6C7700



0B0077

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.



9657AF



6C7700



007BCC

Square

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



6C7700



00868D



496CCA



C44356

Rectangle

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



6C7700



00844C



496CCA



B24994

Sweetspot

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



6C7700



979C6D



770A00



4C4F33



CFCFCF



4F4F4F

Same Dimension

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



6C7700



8D9C00



327700



3A3B35



6F7A00



E3FA00

Inverse Universe

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



0B0077



0E009C



450077



35353B



0B007A



1700FA

Previews

White Background



This preview shows how the Hex color 6C7700 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 6C7700 Background



This preview shows how black text looks on a background with the Hex color 6C7700.



This preview shows how white text looks on a background with the Hex color 6C7700.

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
6C7700

Protanopia
7F7100

Deuteranopia
8E6B14



Tritanopia
756F77

Trichromacy



Original Color
6C7700

Protanomaly
787300

Deuteranomaly
826F0D

Tritanomaly
72724C

Monochromacy



Original Color
6C7700

Achromatopsia
666666

Achromatomaly
686C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7700 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 #6C7700 looks like.

```
.text, #text, p{  
    color:#6C7700  
}
```

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 #6C7700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7700
}
```

Border

The CSS property to change the border of an element to Hex 6C7700 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
#6C7700 }
```

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

```
.border{ border-color:#6C7700 }
```

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

Here you see how a box with a 4 pixel #6C7700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7700; -webkit-box-shadow:4px 4px  
4px 4px #6C7700; box-shadow:4px 4px 4px  
4px #6C7700 }
```

Background

The CSS property to change the background color of an element to Hex 6C7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7700 }
```

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

```
.background{ background-color:#6C7700 }
```

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