

Converting Colors

Hex(6B7900)

Have a look what the booklet for
Hex(6B7900) contains.

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Color

Hex(6B7900)

Conversions

Conversions Part 1

Format	Color
Hex	6B7900
RGB	107, 121, 0
RGB Percent	42%, 47%, 0%
CMY	0.5804, 0.5255, 1.0000
CMYK	0.12, 0.00, 1.00, 0.53
HSL	67°, 100%, 24%
HSV	67°, 100%, 47%
XYZ	12.9008, 16.8005, 2.5629
YIQ	103.0200, 30.4970, -40.5990

Conversions

Conversions Part 2

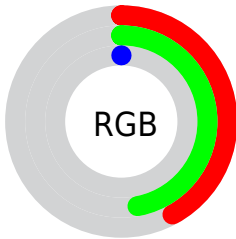
Format	Color
RYB	0, 121, 14
Decimal	7043328
CIELab	48.01, -18.94, 53.04
CIELCh	48, 56.320, 109.648
Yxy	16.8005, 0.3998, 0.5207
Android (android.graphics.Color)	4285233408 (0xFF6B7900)
YUV	103.0200, -50.7889, 3.4905
Hunter-Lab	40.9885, -15.5484, 24.9847

Details

The Hex color **6B7900** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E0079**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A2AD40**, and **374900** is the 20% darker color. If you saturate the color by 10%, you get **6B7900**, and if you desaturate by 10%, it is **6C790C**.

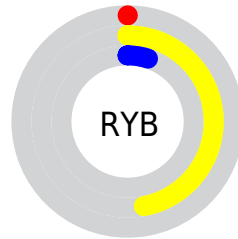
Distribution



Red (42%)

Green (47%)

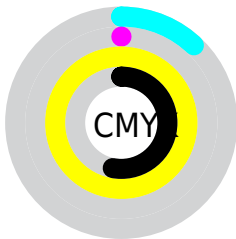
Blue (0%)



Red (0%)

Yellow (47%)

Blue (5%)

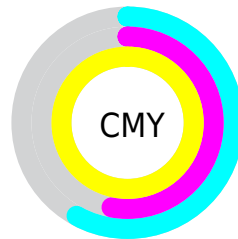


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7900 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 6B7900 by changing the saturation by 10% instead.

 6B7900

 6B7900

FFFFFF

 516000

 A2AD40

 374900

 BEC95A

 1D3200

 DBE574

 001E00

 F8FF8F

 000000

 FFFFAB

 FFFFC7


 FFFF E4

 6B7900

 6C790C

 6E7918

 6F7924

 717930

 72793C

 737949

 757955

 767961

 78796D

Harmonies

Analogous

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



966A00



6B7900



2D8230

Triad

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



6B7900



0085BA



BF4485

Complementary

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



6B7900



0E0079

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.



9A57B0



6B7900



007CD0

Square

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



6B7900



008891



4F6CCC



C64455

Rectangle

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



6B7900



00864F



4F6CCC



B64994

Sweetspot

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



6B7900



999E6F



790C00



4C4F33



CFCFCF



4F4F4F

Same Dimension

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



6B7900



8C9E00



307900



3C3D37



6E7D00



DFFC00

Inverse Universe

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



0E0079



12009E



490079



38373D



0E007D



1D00FC

Previews

White Background



This preview shows how the Hex color 6B7900 looks on a white background.

Color Contrast Check

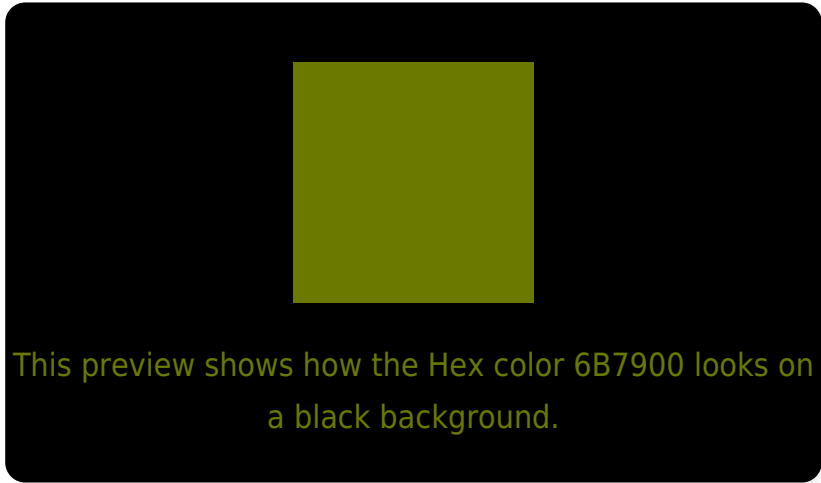
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B7900 Background



This preview shows how black text looks on a background with the Hex color 6B7900.



This preview shows how white text looks on a background with the Hex color 6B7900.

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
6B7900

Protanopia
817200

Deuteranopia
906C14



Tritanopia
747079

Trichromacy



Original Color
6B7900

Protanomaly
797500

Deuteranomaly
83710D

Tritanomaly
71734D

Monochromacy



Original Color
6B7900

Achromatopsia
676767

Achromatomaly
686E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7900 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 #6B7900 looks like.

```
.text, #text, p{  
    color:#6B7900  
}
```

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 #6B7900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7900
}
```

Border

The CSS property to change the border of an element to Hex 6B7900 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
#6B7900 }
```

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

```
.border{ border-color:#6B7900 }
```

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

Here you see how a box with a 4 pixel #6B7900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7900; -webkit-box-shadow:4px 4px  
4px 4px #6B7900; box-shadow:4px 4px 4px  
4px #6B7900 }
```

Background

The CSS property to change the background color of an element to Hex 6B7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7900 }
```

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

```
.background{ background-color:#6B7900 }
```

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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