

Converting Colors

Hex(6D7B00)

Have a look what the booklet for
Hex(6D7B00) contains.

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Color

Hex(6D7B00)

Conversions

Conversions Part 1

Format	Color
Hex	6D7B00
RGB	109, 123, 0
RGB Percent	43%, 48%, 0%
CMY	0.5725, 0.5176, 1.0000
CMYK	0.11, 0.00, 1.00, 0.52
HSL	67°, 100%, 24%
HSV	67°, 100%, 48%
XYZ	13.3896, 17.4171, 2.6561
YIQ	104.7920, 31.1390, -41.2210

Conversions

Conversions Part 2

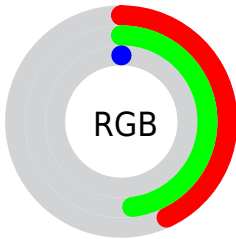
Format	Color
RYB	0, 123, 14
Decimal	7174912
CIELab	48.78, -19.07, 53.69
CIElCh	49, 56.973, 109.552
Yxy	17.4171, 0.4001, 0.5205
Android (android.graphics.Color)	4285364992 (0xFF6D7B00)
YUV	104.7920, -51.6625, 3.6904
Hunter-Lab	41.7338, -15.7653, 25.4402

Details

The Hex color **6D7B00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E007B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A4AF40**, and **394A00** is the 20% darker color. If you saturate the color by 10%, you get **6D7B00**, and if you desaturate by 10%, it is **6E7B0C**.

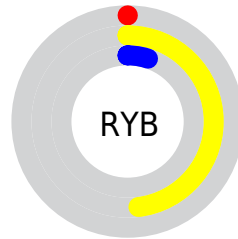
Distribution



Red (43%)

Green (48%)

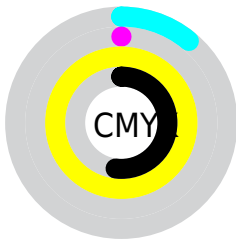
Blue (0%)



Red (0%)

Yellow (48%)

Blue (5%)

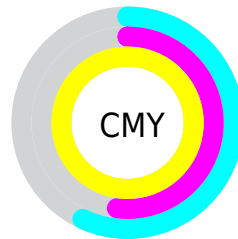


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (57%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7B00 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 6D7B00 by changing the saturation by 10% instead.

 6D7B00

 6D7B00

FFFFFF

 536200

 A4AF40

 394A00

 C0CB5B

 1F3400

 DDE775

 001F00

 FAFF90

 000000

 FFFFAC

 FFFFC8

 FFFFE4

 6D7B00

 6E7B0C

 707B19

 717B25

 737B31

 747B3E

 757B4A

 777B56

 787B62

 7A7B6F

Harmonies

Analogous

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



996C00



6D7B00



2E8430

Triad

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



6D7B00



0087BD



C24587

Complementary

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



6D7B00



0E007B

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.



9D58B3



6D7B00



007ED3

Square

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



6D7B00



008A93



506ECF



CA4557

Rectangle

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



6D7B00



008850



506ECF



B94A97

Sweetspot

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



6D7B00



9BA170



7B0C00



4E5234



D1D1D1



525252

Same Dimension

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



6D7B00



8EA100



317B00



3D3D37



6F7D00



E0FC00

Inverse Universe

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



0E007B



1200A1



4A007B



38373D



0E007D



1D00FC

Previews

White Background



This preview shows how the Hex color 6D7B00 looks on a white background.

Color Contrast Check

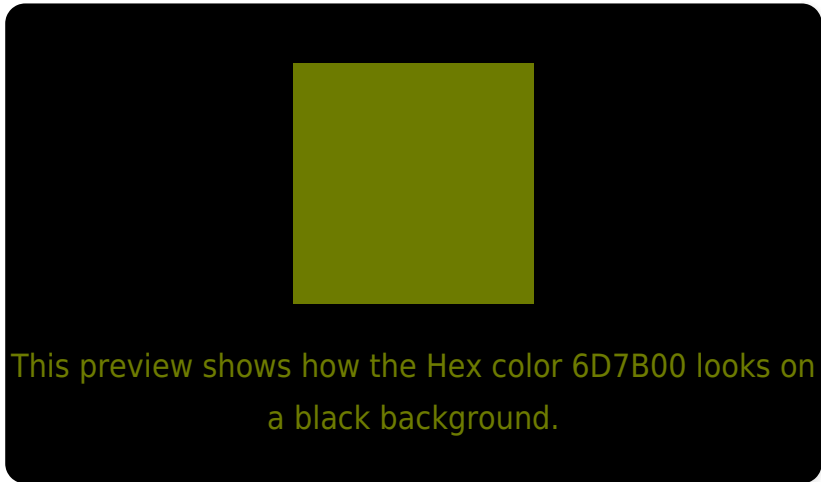
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D7B00 Background



This preview shows how black text looks on a background with the Hex color 6D7B00.



This preview shows how white text looks on a background with the Hex color 6D7B00.

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
6D7B00

Protanopia
837400

Deuteranopia
926E15



Tritanopia
76727B

Trichromacy



Original Color
6D7B00

Protanomaly
7B7700

Deuteranomaly
85730D

Tritanomaly
73754E

Monochromacy



Original Color
6D7B00

Achromatopsia
696969

Achromatomaly
6A7043

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7B00 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 #6D7B00 looks like.

```
.text, #text, p{  
    color:#6D7B00  
}
```

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 #6D7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7B00
}
```

Border

The CSS property to change the border of an element to Hex 6D7B00 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
#6D7B00 }
```

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

```
.border{ border-color:#6D7B00 }
```

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

Here you see how a box with a 4 pixel #6D7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7B00; -webkit-box-shadow:4px 4px  
4px 4px #6D7B00; box-shadow:4px 4px 4px  
4px #6D7B00 }
```

Background

The CSS property to change the background color of an element to Hex 6D7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7B00 }
```

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

```
.background{ background-color:#6D7B00 }
```

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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