

Converting Colors

Hex(6F7A00)

Have a look what the booklet for
Hex(6F7A00) contains.

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Color

Hex(6F7A00)

Conversions

Conversions Part 1

Format	Color
Hex	6F7A00
RGB	111, 122, 0
RGB Percent	44%, 48%, 0%
CMY	0.5647, 0.5216, 1.0000
CMYK	0.09, 0.00, 1.00, 0.52
HSL	65°, 100%, 24%
HSV	65°, 100%, 48%
XYZ	13.5151, 17.2986, 2.6266
YIQ	104.8030, 32.6060, -40.2740

Conversions

Conversions Part 2

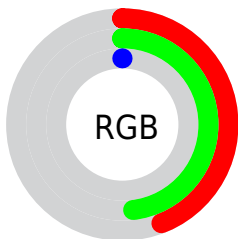
Format	Color
RYB	0, 122, 11
Decimal	7305728
CIELab	48.63, -17.62, 53.65
CIELCh	49, 56.469, 108.183
Yxy	17.2986, 0.4042, 0.5173
Android (android.graphics.Color)	4285495808 (0xFF6F7A00)
YUV	104.8030, -51.6679, 5.4348
Hunter-Lab	41.5916, -14.7821, 25.3697

Details

The Hex color **6F7A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B007A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A6AE40**, and **3B4900** is the 20% darker color. If you saturate the color by 10%, you get **6F7A00**, and if you desaturate by 10%, it is **707A0C**.

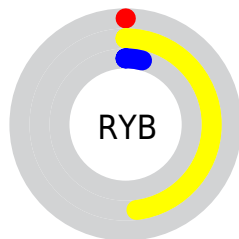
Distribution



Red (44%)

Green (48%)

Blue (0%)



Red (0%)

Yellow (48%)

Blue (4%)

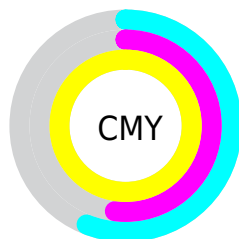


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7A00 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 6F7A00 by changing the saturation by 10% instead.

 6F7A00

 6F7A00

FFFFFF

 546100

 A6AE40

 3B4900

 C2CA5A

 213300

 DFE675

 031E00

 FDF990

 000000

 FFFFAB

 FFFFC8

 FFFFEE

 6F7A00

 707A0C

 717A18

 727A25

 737A31

 757A3D

 767A49

 777A55

 787A62

 797A6E

Harmonies

Analogous

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



9A6A02



6F7A00



33842F

Triad

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



6F7A00



0087BA



C04689

Complementary

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



6F7A00



0B007A

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.



9A59B4



6F7A00



007ED1

Square

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



6F7A00



008A90



4A6FCF



C94559

Rectangle

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



6F7A00



00874E



4A6FCF



B64B98

Sweetspot

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



6F7A00



9A9E6F



7A0A00



4C4F33



CFCFCF



4F4F4F

Same Dimension

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



6F7A00



909E00



337A00



3D3D37



727D00



E6FC00

Inverse Universe

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



0B007A



0E009E



47007A



38373D



0B007D



1700FC

Previews

White Background



This preview shows how the Hex color 6F7A00 looks on a white background.

Color Contrast Check

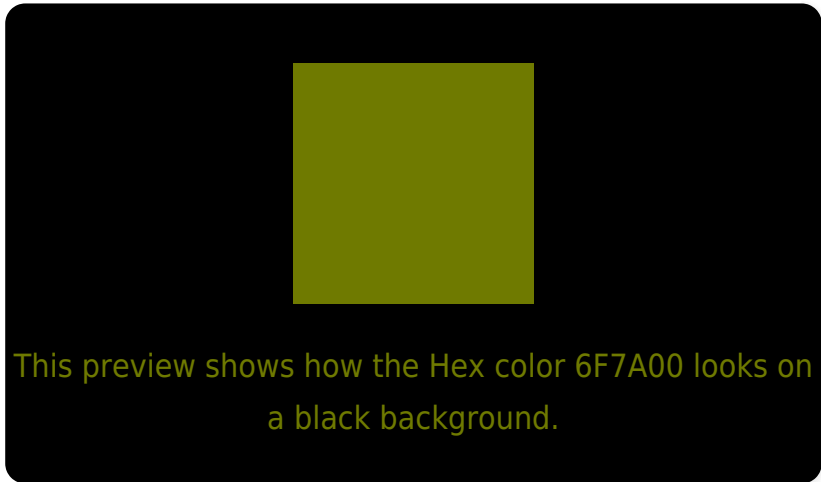
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F7A00 Background



This preview shows how black text looks on a background with the Hex color 6F7A00.



This preview shows how white text looks on a background with the Hex color 6F7A00.

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
6F7A00

Protanopia
827400

Deuteranopia
926E14



Tritanopia
78717A

Trichromacy



Original Color
6F7A00

Protanomaly
7B7600

Deuteranomaly
85720D

Tritanomaly
75744E

Monochromacy



Original Color
6F7A00

Achromatopsia
696969

Achromatomaly
6B6F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7A00 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 #6F7A00 looks like.

```
.text, #text, p{  
    color:#6F7A00  
}
```

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 #6F7A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7A00
}
```

Border

The CSS property to change the border of an element to Hex 6F7A00 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
#6F7A00 }
```

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

```
.border{ border-color:#6F7A00 }
```

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

Here you see how a box with a 4 pixel #6F7A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7A00; -webkit-box-shadow:4px 4px  
4px 4px #6F7A00; box-shadow:4px 4px 4px  
4px #6F7A00 }
```

Background

The CSS property to change the background color of an element to Hex 6F7A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7A00 }
```

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

```
.background{ background-color:#6F7A00 }
```

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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