

Converting Colors

Hex(6F7D00)

Have a look what the booklet for
Hex(6F7D00) contains.

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Color

Hex(6F7D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F7D00 |
| RGB | 111, 125, 0 |
| RGB Percent | 44%, 49%, 0% |
| CMY | 0.5647, 0.5098, 1.0000 |
| CMYK | 0.11, 0.00, 1.00, 0.51 |
| HSL | 67°, 100%, 25% |
| HSV | 67°, 100%, 49% |
| XYZ | 13.8892, 18.0467, 2.7513 |
| YIQ | 106.5640, 31.7810, -41.8430 |

Conversions

Conversions Part 2

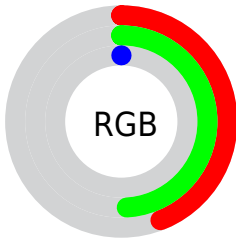
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 125, 14 |
| Decimal | 7306496 |
| CIELab | 49.55, -19.20, 54.33 |
| CIELCh | 50, 57.624, 109.458 |
| Yxy | 18.0467, 0.4004, 0.5203 |
| Android (android.graphics.Color) | 4285496576 (0xFF6F7D00) |
| YUV | 106.5640, -52.5361, 3.8904 |
| Hunter-Lab | 42.4815, -15.9826, 25.8971 |

Details

The Hex color **6F7D00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E007D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A6B141**, and **3B4C00** is the 20% darker color. If you saturate the color by 10%, you get **6F7D00**, and if you desaturate by 10%, it is **707D0C**.

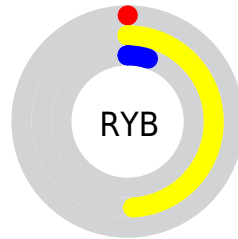
Distribution



Red (44%)

Green (49%)

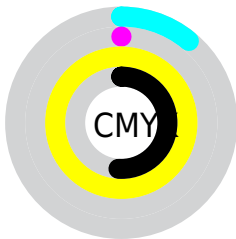
Blue (0%)



Red (0%)

Yellow (49%)

Blue (5%)

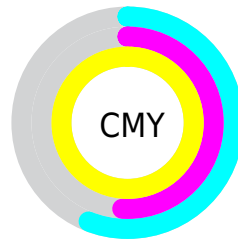


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (56%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7D00 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 6F7D00 by changing the saturation by 10% instead.

 6F7D00

 6F7D00

FFFFFF

 546400

 A6B141

 3B4C00

 C2CD5B

 213600

 DFE976

 032100

 FDF991

 000000

 FFFFAC

 FFFFC9

 FFFFEE

 6F7D00

 707D0C

 727D19

 737D26

 757D32

 767D3F

 777D4B

 797D57

 7A7D64

 7C7D71

Harmonies

Analogous

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



9C6D00



6F7D00



2F8731

Triad

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



6F7D00



0089C0



C54689

Complementary

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



6F7D00



0E007D

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.



9F5AB6



6F7D00



0081D6

Square

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



6F7D00



008C95



5170D3



CD4658

Rectangle

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



6F7D00



008A51



5170D3



BC4B99

Sweetspot

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



6F7D00



9EA372



7D0C00



4E5234



D1D1D1



525252

Same Dimension

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



6F7D00



91A300



327D00



3F4039



718000



000000

Inverse Universe

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



0E007D



1200A3



4B007D



3A3940



0E0080



000000

Previews

White Background



This preview shows how the Hex color 6F7D00 looks on a white background.

Color Contrast Check

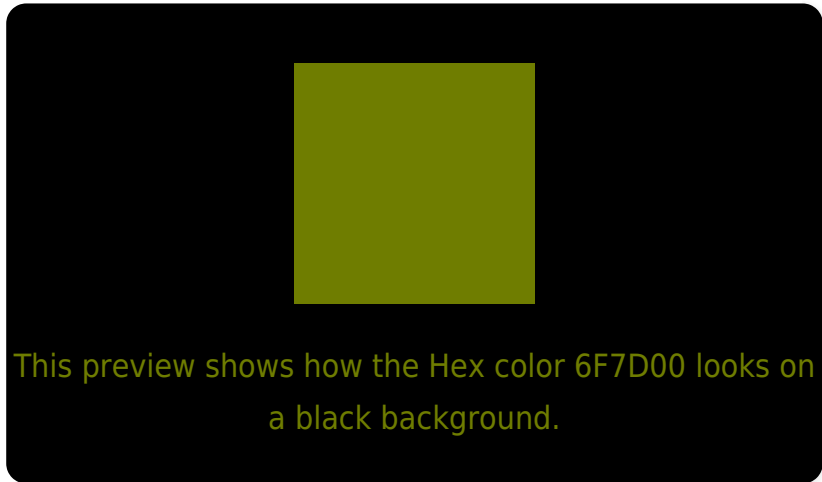
Large Text (above 18pt) WCAG AA ✓ Pass

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

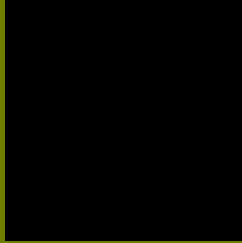
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F7D00 Background



This preview shows how black text looks on a background with the Hex color 6F7D00.



This preview shows how white text looks on a background with the Hex color 6F7D00.

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
6F7D00

Protanopia
857600

Deuteranopia
957015



Tritanopia
78747D

Trichromacy



Original Color
6F7D00

Protanomaly
7D7900

Deuteranomaly
87750D

Tritanomaly
757750

Monochromacy



Original Color
6F7D00

Achromatopsia
6B6B6B

Achromatomaly
6C7244

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7D00 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 #6F7D00 looks like.

```
.text, #text, p{  
    color:#6F7D00  
}
```

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 #6F7D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7D00
}
```

Border

The CSS property to change the border of an element to Hex 6F7D00 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
#6F7D00 }
```

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

```
.border{ border-color:#6F7D00 }
```

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

Here you see how a box with a 4 pixel #6F7D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7D00; -webkit-box-shadow:4px 4px  
4px 4px #6F7D00; box-shadow:4px 4px 4px  
4px #6F7D00 }
```

Background

The CSS property to change the background color of an element to Hex 6F7D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7D00 }
```

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

```
.background{ background-color:#6F7D00 }
```

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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