

Converting Colors

Hex(7FB000)

Have a look what the booklet for
Hex(7FB000) contains.

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Color

Hex(7FB000)

Conversions

Conversions Part 1

Format	Color
Hex	7FB000
RGB	127, 176, 0
RGB Percent	50%, 69%, 0%
CMY	0.5020, 0.3098, 1.0000
CMYK	0.28, 0.00, 1.00, 0.31
HSL	77°, 100%, 35%
HSV	77°, 100%, 69%
XYZ	24.2777, 35.5627, 5.5847
YIQ	141.2850, 27.2920, -65.1240

Conversions

Conversions Part 2

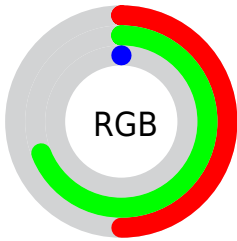
Format	Color
RYB	0, 176, 49
Decimal	8368128
CIELab	66.18, -37.00, 67.39
CIELCh	66, 76.877, 118.769
Yxy	35.5627, 0.3711, 0.5436
Android (android.graphics.Color)	4286558208 (0xFF7FB000)
YUV	141.2850, -69.6535, -12.5279
Hunter-Lab	59.6345, -31.6913, 36.1917

Details

The Hex color **7FB000** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3100B0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B8E84D**, and **477B00** is the 20% darker color. If you saturate the color by 10%, you get **7FB000**, and if you desaturate by 10%, it is **84B012**.

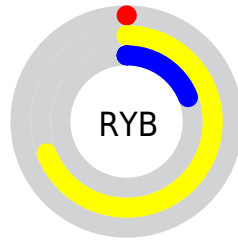
Distribution



Red (50%)

Green (69%)

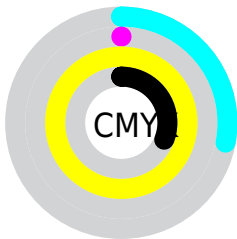
Blue (0%)



Red (0%)

Yellow (69%)

Blue (19%)

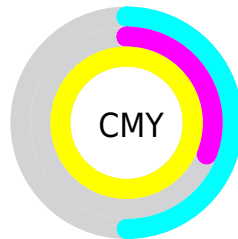


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (50%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB000 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 7FB000 by changing the saturation by 10% instead.

 7FB000

 7FB000

FFFFFF

 639500

 B8E84D

 477B00

 D5FF69

 2A6200

 F3FF85

 034A00

 FFFFA1

 003200

 FFFFBE

 001E00

 FFFFDB

 000000

 FFFFF8

 7FB000

 84B012

 89B023

 8EB035

 93B046

 98B058

 9CB06A

 A1B07B

 A6B08D

 ABB09E

Harmonies

Analogous

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



C39D00



7FB000



00BB54

Triad

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



7FB000



00BAFF



FF56A7

Complementary

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



7FB000



3100B0

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.



F06EEA



7FB000



00AAFF

Square

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



7FB000



00C0E2



9790FF



FF6263

Rectangle

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



7FB000



00BF84



9790FF



FF5BBE

Sweetspot

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



7FB000



D2E6A1



B02F00



677349



F2F2F2



737373

Same Dimension

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



7FB000



A6E600



29B000



575950



6E9900



121A00

Inverse Universe

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



3100B0



4000E6



8700B0



535059



2B0099



07001A

Previews

White Background



This preview shows how the Hex color 7FB000 looks on a white background.

Color Contrast Check

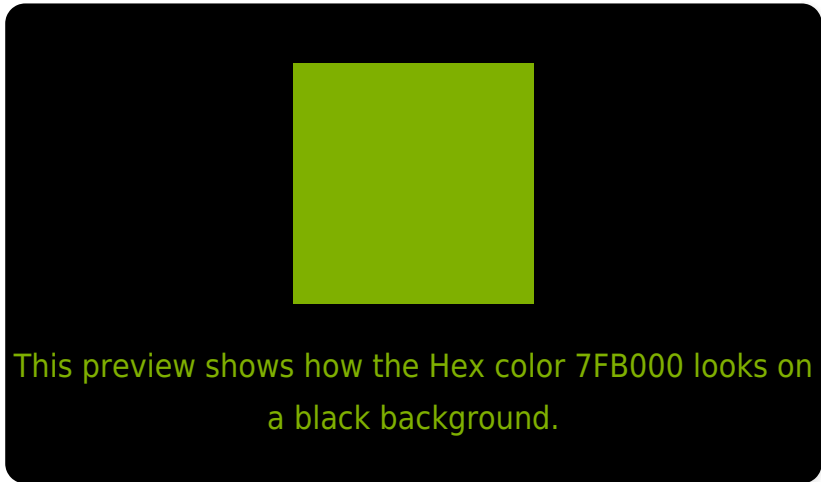
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 ✓ Pass

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

Hex 7FB000 Background



This preview shows how black text looks on a background with the Hex color 7FB000.

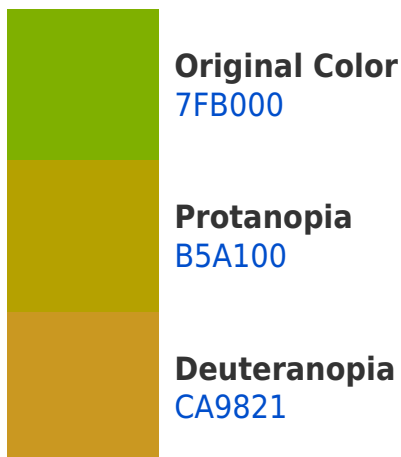


This preview shows how white text looks on a background with the Hex color 7FB000.

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





Tritanopia
8FA4B1

Trichromacy



Original Color
7FB000

Protanomaly
A1A600

Deuteranomaly
AFA115

Tritanomaly
89A871

Monochromacy



Original Color
7FB000

Achromatopsia
8D8D8D

Achromatomaly
889A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB000 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 #7FB000 looks like.

```
.text, #text, p{  
    color:#7FB000  
}
```

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 #7FB000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB000
}
```

Border

The CSS property to change the border of an element to Hex 7FB000 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
#7FB000 }
```

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

```
.border{ border-color:#7FB000 }
```

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

Here you see how a box with a 4 pixel #7FB000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB000; -webkit-box-shadow:4px 4px  
4px 4px #7FB000; box-shadow:4px 4px 4px  
4px #7FB000 }
```

Background

The CSS property to change the background color of an element to Hex 7FB000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB000 }
```

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

```
.background{ background-color:#7FB000 }
```

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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