

Converting Colors

Hex(77BB03)

Have a look what the booklet for
Hex(77BB03) contains.

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Color

Hex(77BB03)

Conversions

Conversions Part 1

Format	Color
Hex	77BB03
RGB	119, 187, 3
RGB Percent	47%, 73%, 1%
CMY	0.5333, 0.2667, 0.9882
CMYK	0.36, 0.00, 0.98, 0.27
HSL	82°, 97%, 37%
HSV	82°, 98%, 73%
XYZ	25.3945, 39.4692, 6.3660
YIQ	145.6920, 18.5360, -71.6400

Conversions

Conversions Part 2

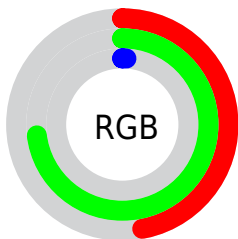
Format	Color
RYB	3, 187, 71
Decimal	7846659
CIELab	69.09, -44.73, 69.08
CIELCh	69, 82.299, 122.923
Yxy	39.4692, 0.3565, 0.5541
Android (android.graphics.Color)	4286036739 (0xFF77BB03)
YUV	145.6920, -70.3472, -23.4089
Hunter-Lab	62.8245, -37.7907, 37.9693

Details

The Hex color **77BB03** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4703BB**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B1F450**, and **3D8500** is the 20% darker color. If you saturate the color by 10%, you get **76BB00**, and if you desaturate by 10%, it is **7EBB16**.

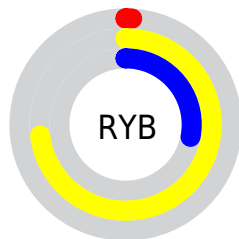
Distribution



Red (47%)

Green (73%)

Blue (1%)



Red (1%)

Yellow (73%)

Blue (28%)

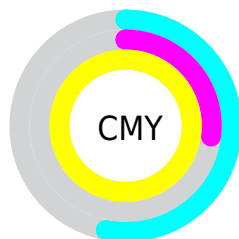


Cyan (36%)

Magenta (0%)

Yellow (98%)

Black (27%)



Cyan (53%)

Magenta (27%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77BB03 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 77BB03 by changing the saturation by 10% instead.

 77BB03

 77BB03

FFFFFF

 5AA000

 B1F450

 3D8500

 CEFF6C

 1C6B00

 ECFF89

 005300

 FFFFA5

 003A00

 FFFFC2

 002600

 FFFFDF

 000000

 FFFFFD

 77BB03

 77BB03

 76BB00

 7EBB16

 85BB28

 8CBB3B

 93BB4E

 9ABB60

 A0BB73

 A7BB86

 AEBB99

 B5BBAB

Harmonies

Analogous

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



C4A800



77BB03



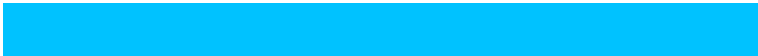
00C560

Triad

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



77BB03



00C2FF



FF55A5

Complementary

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



77BB03



4703BB

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.



FF6BEE



77BB03



00B0FF

Square

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



77BB03



00C9F8



AF91FF



FF675C

Rectangle

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



77BB03



00C994



AF91FF



FF58BE

Sweetspot

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



77BB03



D7F2AA



BB4603



6A7A4E



FAFAFA



7A7A7A

Same Dimension

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



77BB03



99F200



1CBB03



5B5E55



649E00



131F00

Inverse Universe

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



4703BB



5A00F2



A203BB



58555E



3A009E



0B001F

Previews

White Background



This preview shows how the Hex color 77BB03 looks on a white background.

Color Contrast Check

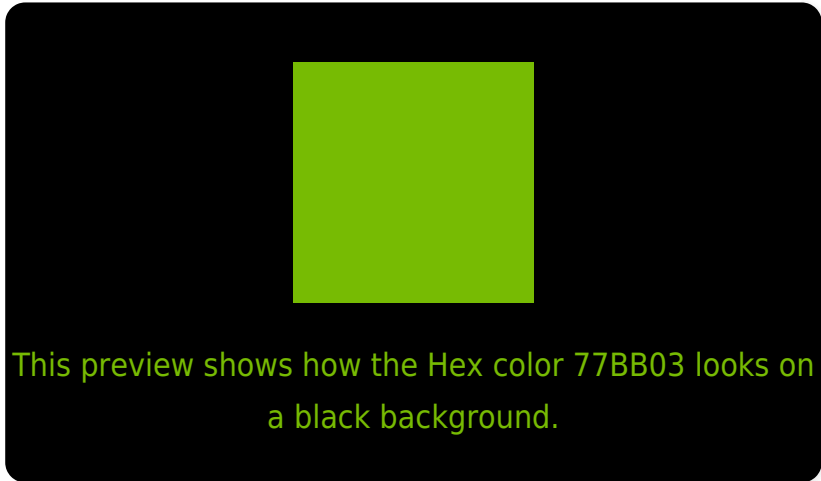
Large Text (above 18pt) WCAG AA × Fail

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 77BB03 Background



This preview shows how black text looks on a background with the Hex color 77BB03.

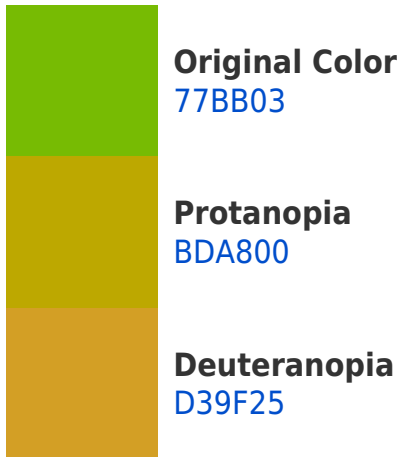


This preview shows how white text looks on a background with the Hex color 77BB03.

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



Trichromacy



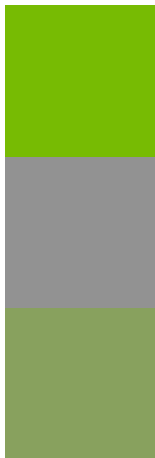
Original Color
77BB03

Protanomaly
A4AF01

Deuteranomaly
B2A919

Tritanomaly
84B379

Monochromacy



Original Color
77BB03

Achromatopsia
929292

Achromatomaly
88A15E

CSS Examples

Text

The CSS property to change the color of the text to Hex 77BB03 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 #77BB03 looks like.

```
.text, #text, p{  
    color:#77BB03  
}
```

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 #77BB03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BB03
}
```

Border

The CSS property to change the border of an element to Hex 77BB03 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
#77BB03 }
```

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

```
.border{ border-color:#77BB03 }
```

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

Here you see how a box with a 4 pixel #77BB03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BB03; -webkit-box-shadow:4px 4px  
4px 4px #77BB03; box-shadow:4px 4px 4px  
4px #77BB03 }
```

Background

The CSS property to change the background color of an element to Hex 77BB03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BB03 }
```

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

```
.background{ background-color:#77BB03 }
```

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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