

# Converting Colors

Hex(7BB446)

Have a look what the booklet for  
Hex(7BB446) contains.

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**Color**

**Hex(7BB446)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7BB446
RGB	123, 180, 70
RGB Percent	48%, 71%, 27%
CMY	0.5176, 0.2941, 0.7255
CMYK	0.32, 0.00, 0.61, 0.29
HSL	91°, 44%, 49%
HSV	91°, 61%, 71%
XYZ	25.5951, 37.2957, 11.6441
YIQ	150.4170, 1.3380, -46.2940

# Conversions

## Conversions Part 2

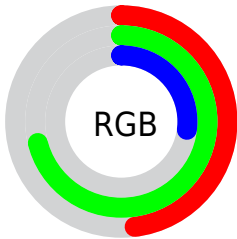
Format	Color
<a href="#">RYB</a>	<a href="#">70, 180, 127</a>
Decimal	<a href="#">8107078</a>
CIELab	<a href="#">67.50, -37.02, 49.03</a>
CIElCh	<a href="#">67, 61.440, 127.058</a>
Yxy	<a href="#">37.2957, 0.3434, 0.5004</a>
Android (android.graphics.Color)	<a href="#">4286297158</a> ( <a href="#">0xFF7BB446</a> )
YUV	<a href="#">150.4170, -39.6456, -24.0447</a>
Hunter-Lab	<a href="#">61.0702, -32.0617, 31.4444</a>

# Details

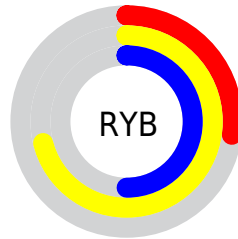
The Hex color **7BB446** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F46B4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B3EC7A**, and **457F0D** is the 20% darker color. If you saturate the color by 10%, you get **72B434**, and if you desaturate by 10%, it is **84B458**.

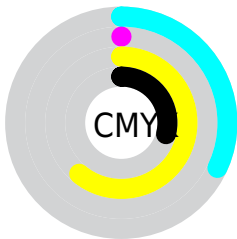
# Distribution



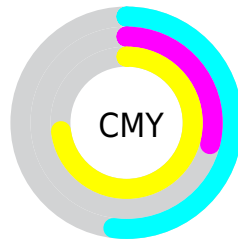
- Red (48%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (50%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB446 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 7BB446 by changing the saturation by 10% instead.





7BB446



7BB446

FFFFFF



60992C



B3EC7A



457F0D



CFFF95



296500



ECFFB1



0A4D00



FFFFCD



003500



FFFEEA



002100



000000



7BB446



7BB446



72B434



84B458

 68B422

 8EB46A

 5FB410

 97B47C

 57B400

 A0B48E

 AAB4A0

 B3B4B2

 BCB4C4

 C6B4D6

 CFB4E8

# Harmonies

## Analogous

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



B6A62B



7BB446



00BC77

# Triad

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



7BB446



00B6FF



FF7199

# Complementary

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



7BB446



7F46B4

# 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.



F27AD1



7BB446



48A6FF

# Square

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



7BB446



00BDE6



B890FD



FF7C65

# Rectangle

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



7BB446



00BF9D



B890FD



FF72AC



# Sweetspot

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



7BB446



D5EBC0



B47F46



68755B



F5F5F5



757575



# Same Dimension

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



7BB446



92EB3F



46B448



555950



4A9900



0C1A00



# Inverse Universe

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



7F46B4



983FEB



B446B2



555059



4F0099



0D001A



# Previews

## White Background



This preview shows how the Hex color 7BB446 looks on a white background.

## Color Contrast Check

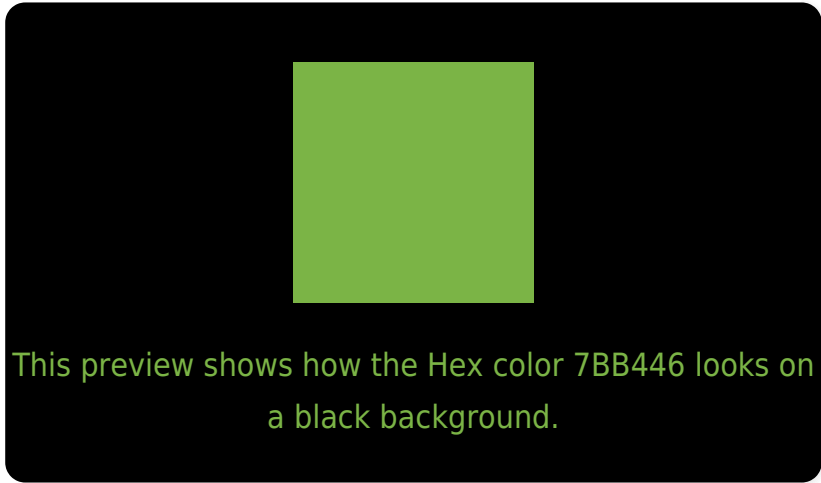
Large Text (above 18pt) WCAG AA × Fail

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 7BB446 Background



This preview shows how black text looks on a background with the Hex color 7BB446.

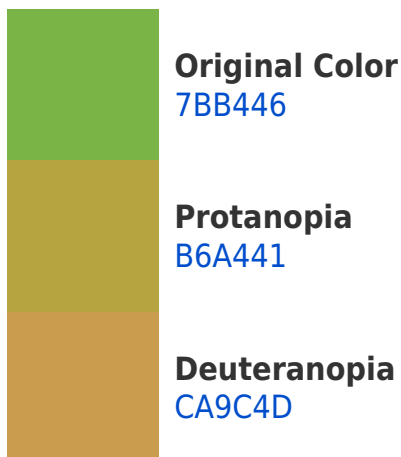


This preview shows how white text looks on a background with the Hex color 7BB446.

# 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](#).

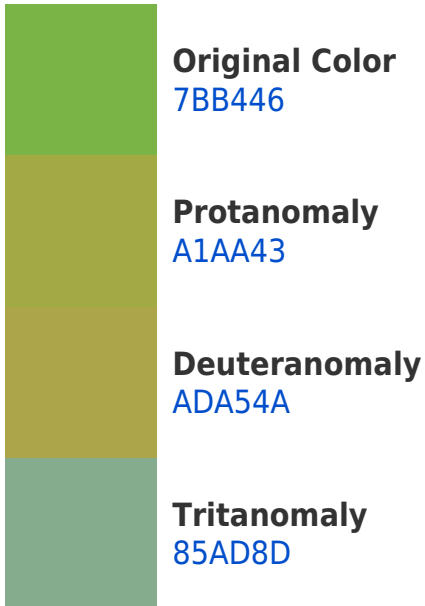
## Dichromacy



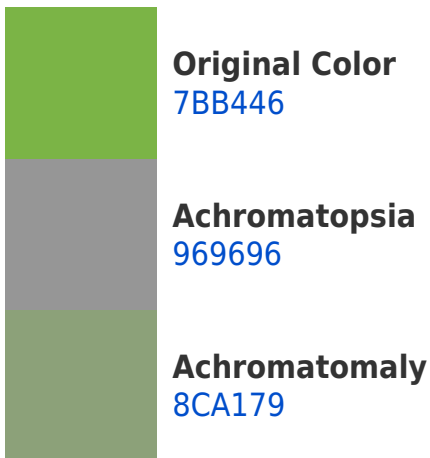


**Tritanopia**  
8BA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB446 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 #7BB446 looks like.

```
.text, #text, p{  
    color:#7BB446  
}
```

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 #7BB446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB446
}
```

## Border

The CSS property to change the border of an element to Hex 7BB446 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
#7BB446 }
```

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

```
.border{ border-color:#7BB446 }
```

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

Here you see how a box with a 4 pixel #7BB446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB446; -webkit-box-shadow:4px 4px  
4px 4px #7BB446; box-shadow:4px 4px 4px  
4px #7BB446 }
```

# Background

The CSS property to change the background color of an element to Hex 7BB446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB446 }
```

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

```
.background{ background-color:#7BB446 }
```

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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