

# Converting Colors

Hex(7BB92D)

Have a look what the booklet for  
Hex(7BB92D) contains.

<b>Hex(7BB92D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7BB92D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB92D
RGB	123, 185, 45
RGB Percent	48%, 73%, 18%
CMY	0.5176, 0.2745, 0.8235
CMYK	0.34, 0.00, 0.76, 0.27
HSL	87°, 61%, 45%
HSV	87°, 76%, 73%
XYZ	25.9910, 39.0983, 8.6595
YIQ	150.5020, 7.9880, -56.6840

# Conversions

## Conversions Part 2

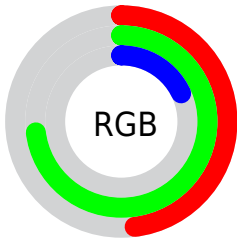
Format	Color
<a href="#">RYB</a>	<a href="#">45, 185, 107</a>
Decimal	<a href="#">8108333</a>
CIELab	<a href="#">68.82, -41.08, 60.24</a>
CIElCh	<a href="#">69, 72.910, 124.291</a>
Yxy	<a href="#">39.0983, 0.3524, 0.5302</a>
Android (android.graphics.Color)	<a href="#">4286298413</a> ( <a href="#">0xFF7BB92D</a> )
YUV	<a href="#">150.5020, -52.0125, -24.1193</a>
Hunter-Lab	<a href="#">62.5287, -35.2289, 35.5591</a>

# Details

The Hex color **7BB92D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6B2DB9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B4F165**, and **438300** is the 20% darker color. If you saturate the color by 10%, you get **73B91B**, and if you desaturate by 10%, it is **83B940**.

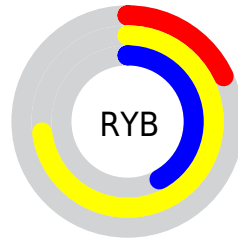
# Distribution



Red (48%)

Green (73%)

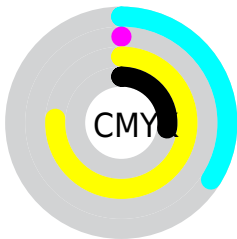
Blue (18%)



Red (18%)

Yellow (73%)

Blue (42%)

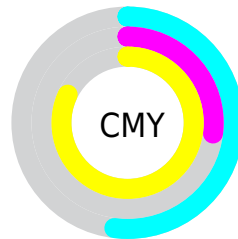


Cyan (34%)

Magenta (0%)

Yellow (76%)

Black (27%)



Cyan (52%)

Magenta (27%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB92D 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 7BB92D by changing the saturation by 10% instead.



 7BB92D

 7BB92D

FFFFFF

 5F9E05

 B4F165

 438300

 D1FF80

 256A00

 EEFF9C

 005100

 FFFFB8

 003900

 FFFF5D

 002500

 FFFFF2

 000000

 7BB92D

 7BB92D

 73B91B

 83B940

 6BB908

 8BB952

 67B900

 94B965

 9CB977

 A4B98A

 ACB99C

 B4B9AF

 BDB9C1

 C5B9D4

# Harmonies

## Analogous

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



BFA800



7BB92D



00C36B

# Triad

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



7BB92D



00BEFF



FF64A1

# Complementary

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



7BB92D



6B2DB9

# 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.



FE74E2



7BB92D



00ADFF

# Square

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



7BB92D



00C5F1



B492FF



FF7361

# Rectangle

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



7BB92D



00C699



B492FF



FF66B7

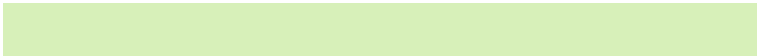


# Sweetspot

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



7BB92D



D7F0B9



B96A2D



697856



F7F7F7



787878



# Same Dimension

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



7BB92D



8FF016



36B92D



585C53



579C00



101C00



# Inverse Universe

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



6B2DB9



7616F0



B02DB9



57535C



45009C



0C001C



# Previews

## White Background



This preview shows how the Hex color 7BB92D looks on a white background.

## Color Contrast Check

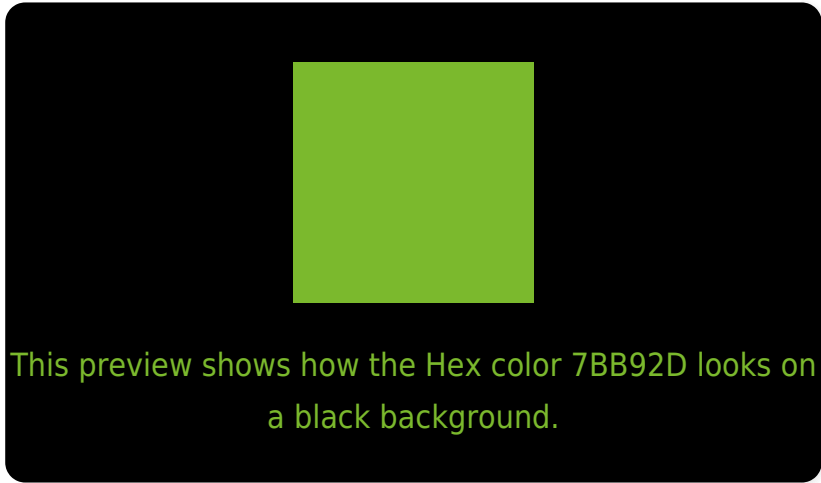
Large Text (above 18pt) WCAG AA × Fail

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 7BB92D Background



This preview shows how black text looks on a background with the Hex color 7BB92D.

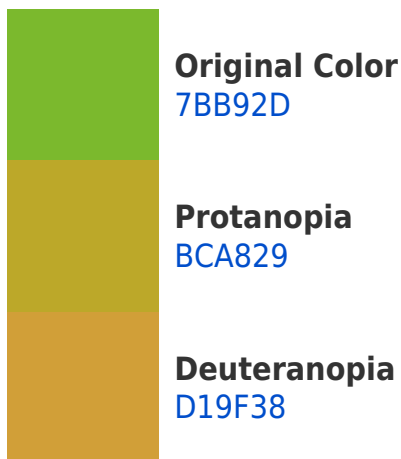


This preview shows how white text looks on a background with the Hex color 7BB92D.

# 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**

7BB92D



**Protanomaly**

A4AE2A



**Deuteranomaly**

B2A834



**Tritanomaly**

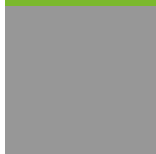
86B187

# Monochromacy



**Original Color**

7BB92D



**Achromatopsia**

979797



**Achromatomaly**

8DA370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB92D 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 #7BB92D looks like.

```
.text, #text, p{  
    color:#7BB92D  
}
```

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 #7BB92D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB92D
}
```

## Border

The CSS property to change the border of an element to Hex 7BB92D 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
#7BB92D }
```

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

```
.border{ border-color:#7BB92D }
```

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

Here you see how a box with a 4 pixel #7BB92D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB92D; -webkit-box-shadow:4px 4px  
4px 4px #7BB92D; box-shadow:4px 4px 4px  
4px #7BB92D }
```

# Background

The CSS property to change the background color of an element to Hex 7BB92D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB92D }
```

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

```
.background{ background-color:#7BB92D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor