

Converting Colors

Hex(7BA85B)

Have a look what the booklet for
Hex(7BA85B) contains.

Hex(7BA85B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7BA85B)

Conversions

Conversions Part 1

Format	Color
Hex	7BA85B
RGB	123, 168, 91
RGB Percent	48%, 66%, 36%
CMY	0.5176, 0.3412, 0.6431
CMYK	0.27, 0.00, 0.46, 0.34
HSL	95°, 31%, 51%
HSV	95°, 46%, 66%
XYZ	24.0593, 32.9715, 14.9936
YIQ	145.7670, -2.1030, -33.4870

Conversions

Conversions Part 2

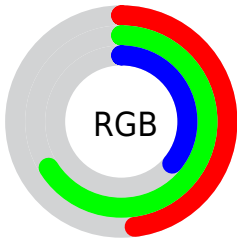
Format	Color
RYB	91, 168, 136
Decimal	8104027
CIELab	64.14, -29.13, 34.89
CIELCh	64, 45.453, 129.861
Yxy	32.9715, 0.3340, 0.4578
Android (android.graphics.Color)	4286294107 (0xFF7BA85B)
YUV	145.7670, -27.0001, -19.9667
Hunter-Lab	57.4209, -25.6950, 24.7129

Details

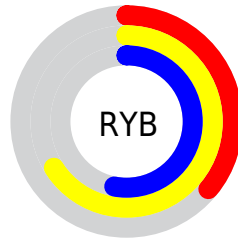
The Hex color **7BA85B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **885BA8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B1DF8E**, and **47742A** is the 20% darker color. If you saturate the color by 10%, you get **71A84A**, and if you desaturate by 10%, it is **85A86C**.

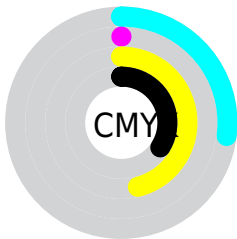
Distribution



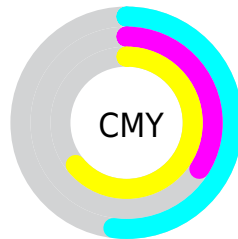
- Red (48%)
- Green (66%)
- Blue (36%)



- Red (36%)
- Yellow (66%)
- Blue (53%)



- Cyan (27%)
- Magenta (0%)
- Yellow (46%)
- Black (34%)



- Cyan (52%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BA85B 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 7BA85B by changing the saturation by 10% instead.



7BA85B



7BA85B

FFFFFF



618D42



B1DF8E



47742A



CDFCA9



2E5B12



EAFFC5



154300



FFFFE1



002C00

FFFFFFE



001700



000000



7BA85B



7BA85B



71A84A



85A86C

 67A839

 8FA87D

 5EA829

 98A88D

 54A818

 A2A89E

 4AA807

 ACA8AF

 46A800

 B6A8C0

 C0A8D1

 CAA8E1

 D3A8F2

Harmonies

Analogous

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



A79D49



7BA85B



41AE7E

Triad

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



7BA85B



00A7E7



E87A8F

Complementary

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



7BA85B



885BA8

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.



D87EB8



7BA85B



709BEB

Square

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



7BA85B



00AECE



B08CDA



E28169

Rectangle

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



7BA85B



00B09A



B08CDA



E57A9D

Sweetspot

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



7BA85B



C9DBBD



A8885B



636E5B



EDEDED



6E6E6E

Same Dimension

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



7BA85B



95DB63



5BA861



4F544C



3D9400



081400

Inverse Universe

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



885BA8



A963DB



A85BA2



514C54



560094



0C0014

Previews

White Background



This preview shows how the Hex color 7BA85B looks on a white background.

Color Contrast Check

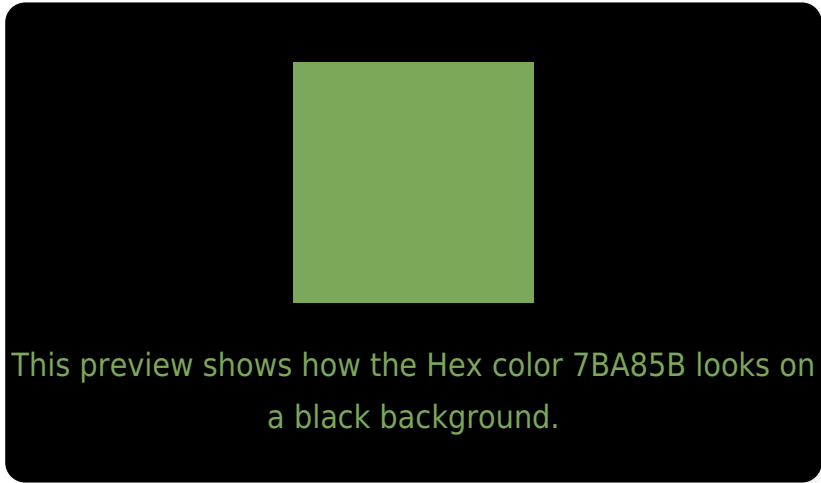
Large Text (above 18pt) WCAG AA × Fail

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 7BA85B Background



This preview shows how black text looks on a background with the Hex color 7BA85B.

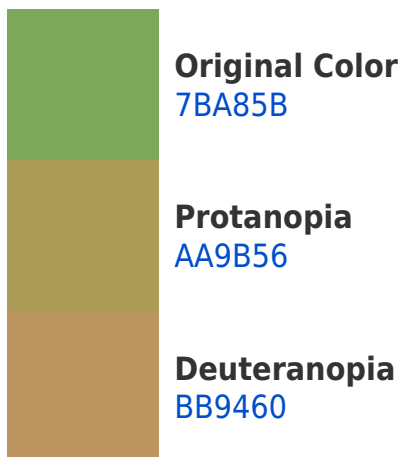


This preview shows how white text looks on a background with the Hex color 7BA85B.

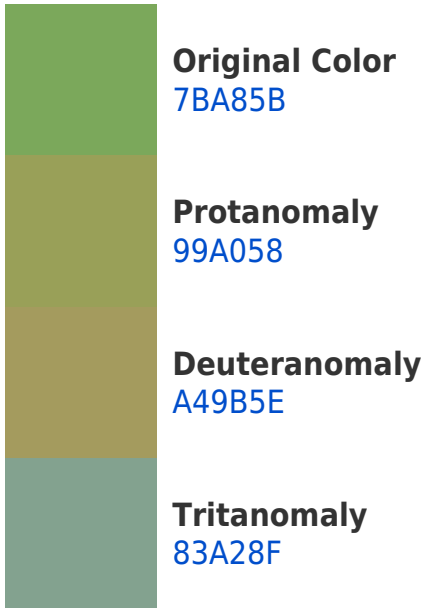
Color Blindness Simulation

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](#).

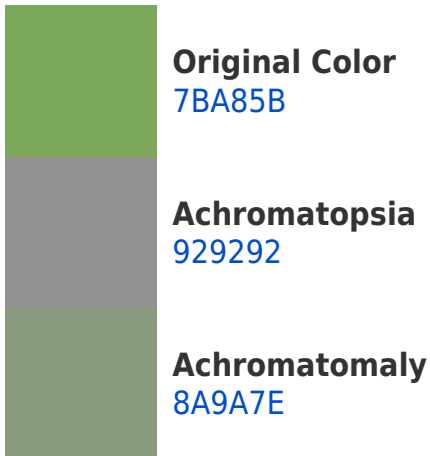
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BA85B 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 #7BA85B looks like.

```
.text, #text, p{  
    color:#7BA85B  
}
```

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 #7BA85B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA85B
}
```

Border

The CSS property to change the border of an element to Hex 7BA85B 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
#7BA85B }
```

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

```
.border{ border-color:#7BA85B }
```

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

Here you see how a box with a 4 pixel #7BA85B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA85B; -webkit-box-shadow:4px 4px  
4px 4px #7BA85B; box-shadow:4px 4px 4px  
4px #7BA85B }
```

Background

The CSS property to change the background color of an element to Hex 7BA85B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA85B }
```

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

```
.background{ background-color:#7BA85B }
```

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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