

Converting Colors

Hex(7AB226)

Have a look what the booklet for
Hex(7AB226) contains.

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Color

Hex(7AB226)

Conversions

Conversions Part 1

Format	Color
Hex	7AB226
RGB	122, 178, 38
RGB Percent	48%, 70%, 15%
CMY	0.5216, 0.3020, 0.8510
CMYK	0.31, 0.00, 0.79, 0.30
HSL	84°, 65%, 42%
HSV	84°, 79%, 70%
XYZ	24.2963, 36.1183, 7.5247
YIQ	145.2960, 11.5640, -55.4120

Conversions

Conversions Part 2

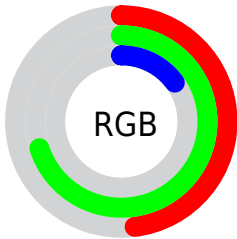
Format	Color
RYB	38, 178, 94
Decimal	8040998
CIELab	66.61, -38.75, 60.36
CIELCh	67, 71.728, 122.703
Yxy	36.1183, 0.3576, 0.5316
Android (android.graphics.Color)	4286231078 (0xFF7AB226)
YUV	145.2960, -52.8969, -20.4306
Hunter-Lab	60.0985, -33.0094, 34.6455

Details

The Hex color **7AB226** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5E26B2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B2EA5F**, and **427D00** is the 20% darker color. If you saturate the color by 10%, you get **73B214**, and if you desaturate by 10%, it is **81B238**.

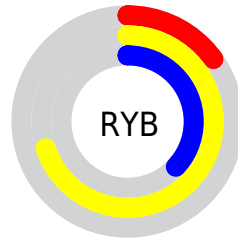
Distribution



Red (48%)

Green (70%)

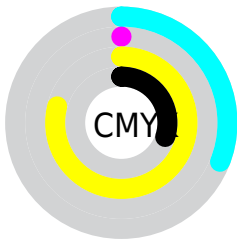
Blue (15%)



Red (15%)

Yellow (70%)

Blue (37%)

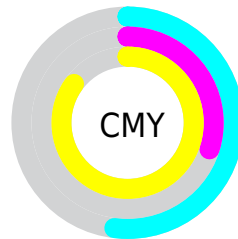


Cyan (31%)

Magenta (0%)

Yellow (79%)

Black (30%)



Cyan (52%)

Magenta (30%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB226 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 7AB226 by changing the saturation by 10% instead.

 7AB226

 7AB226

FFFFFF

 5E9700

 B2EA5F

 427D00

 CFFF7A

 266400

 EDFF96

 004B00

 FFFFB2

 003400

 FFFFCE

 001F00

 FFFFEC

 000000

 7AB226

 7AB226

 73B214

 81B238

 6CB202

 88B24A

 6BB200

 8FB25B

 96B26D

 9EB27F

 A5B291

 ACB2A3

 B3B2B4

 BAB2C6

Harmonies

Analogous

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



BCA100



7AB226



00BC63

Triad

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



7AB226



00B8FF



FF609F

Complementary

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



7AB226



5E26B2

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.



F470DE



7AB226



00A8FF

Square

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



7AB226



00BFE6



A98EFF



FF6D60

Rectangle

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



7AB226



00BF90



A98EFF



FF62B5

Sweetspot

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



7AB226



D2E8B0



B25E26



687553



F5F5F5



757575

Same Dimension

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



7AB226



91E80E



34B226



565950



5C9900



0F1A00

Inverse Universe

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



5E26B2



650EE8



A426B2



545059



3D0099



0A001A

Previews

White Background



This preview shows how the Hex color 7AB226 looks on a white background.

Color Contrast Check

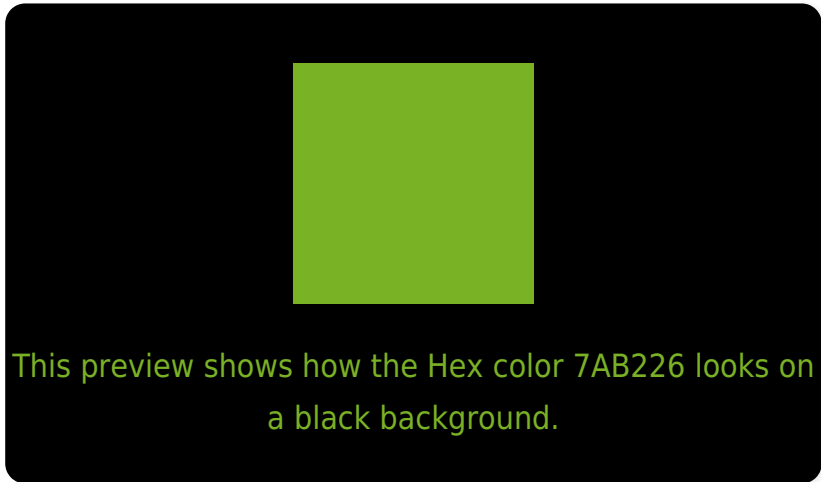
Large Text (above 18pt) WCAG AA × Fail

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 7AB226 Background



This preview shows how black text looks on a background with the Hex color 7AB226.

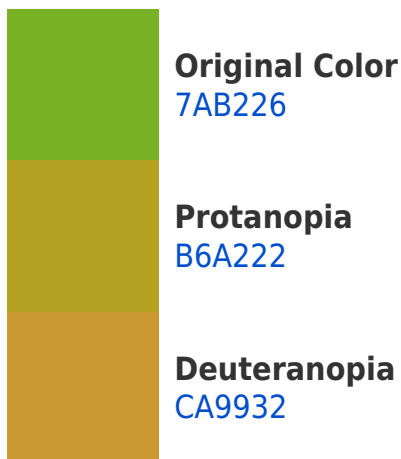


This preview shows how white text looks on a background with the Hex color 7AB226.

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
8BA6B3

Trichromacy



Original Color
7AB226



Protanomaly
A0A823



Deuteranomaly
ADA22E



Tritanomaly
85AA80

Monochromacy



Original Color
7AB226



Achromatopsia
919191



Achromatomaly
899D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB226 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 #7AB226 looks like.

```
.text, #text, p{  
    color:#7AB226  
}
```

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 #7AB226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB226  
}
```

Border

The CSS property to change the border of an element to Hex 7AB226 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  
#7AB226 }
```

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

```
.border{ border-color:#7AB226 }
```

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

Here you see how a box with a 4 pixel #7AB226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB226; -webkit-box-shadow:4px 4px  
4px 4px #7AB226; box-shadow:4px 4px 4px  
4px #7AB226 }
```

Background

The CSS property to change the background color of an element to Hex 7AB226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB226 }
```

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

```
.background{ background-color:#7AB226 }
```

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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