

Converting Colors

Hex(7AB42C)

Have a look what the booklet for
Hex(7AB42C) contains.

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Color

Hex(7AB42C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7AB42C |
| RGB | 122, 180, 44 |
| RGB Percent | 48%, 71%, 17% |
| CMY | 0.5216, 0.2941, 0.8275 |
| CMYK | 0.32, 0.00, 0.76, 0.29 |
| HSL | 86°, 61%, 44% |
| HSV | 86°, 76%, 71% |
| XYZ | 24.8019, 36.9619, 8.2100 |
| YIQ | 147.1540, 9.0880, -54.5920 |

Conversions

Conversions Part 2

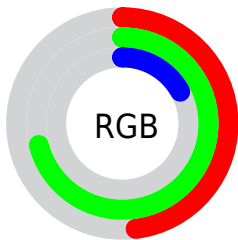
| Format | Color |
|-------------------------------------|--|
| RYB | 44, 180, 102 |
| Decimal | 8041516 |
| CIELab | 67.25, -39.32, 59.04 |
| CIELCh | 67, 70.933, 123.663 |
| Yxy | 36.9619, 0.3544, 0.5282 |
| Android (android.graphics.Color) | 4286231596 (0xFF7AB42C) |
| YUV | 147.1540, -50.8549, -22.0601 |
| Hunter-Lab | 60.7963, -33.5743, 34.5508 |

Details

The Hex color **7AB42C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **662CB4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B2EC64**, and **427F00** is the 20% darker color. If you saturate the color by 10%, you get **72B41A**, and if you desaturate by 10%, it is **82B43E**.

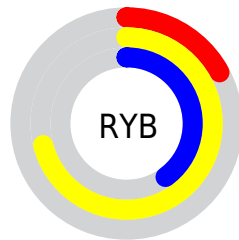
Distribution



Red (48%)

Green (71%)

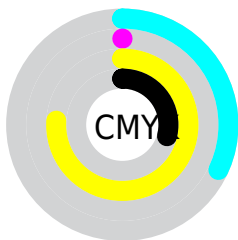
Blue (17%)



Red (17%)

Yellow (71%)

Blue (40%)

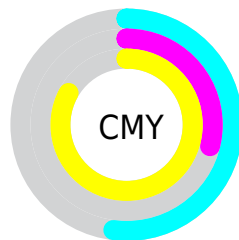


Cyan (32%)

Magenta (0%)

Yellow (76%)

Black (29%)



Cyan (52%)

Magenta (29%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB42C 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 7AB42C by changing the saturation by 10% instead.

 7AB42C

 7AB42C

FFFFFF

 5E9904

 B2EC64

 427F00

 CFFF7F

 266500

 EDFF9B

 004D00

 FFFFB7

 003500

 FFFFD3

 002100

 FFFFF0

 000000

 7AB42C

 7AB42C

 72B41A

 82B43E

 6BB408

 89B450

 67B400

 91B462

 99B474

 A0B486

 A8B498

 B0B4AA

 B7B4BC

 BFB4CE

Harmonies

Analogous

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



BCA300



7AB42C



00BD68

Triad

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



7AB42C



00B9FF



FF639F

Complementary

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



7AB42C



662CB4

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.



F672DE



7AB42C



00A9FF

Square

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



7AB42C



00C0E9



AE8FFF



FF7061

Rectangle

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



7AB42C



00C194



AE8FFF



FF65B4

Sweetspot

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



7AB42C



D4EBB5



B4652C



677554



F5F5F5



757575

Same Dimension

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



7AB42C



90EB15



37B42C



555950



589900



0F1A00

Inverse Universe

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



662CB4



7015EB



A92CB4



545059



410099



0B001A

Previews

White Background



This preview shows how the Hex color 7AB42C looks on a white background.

Color Contrast Check

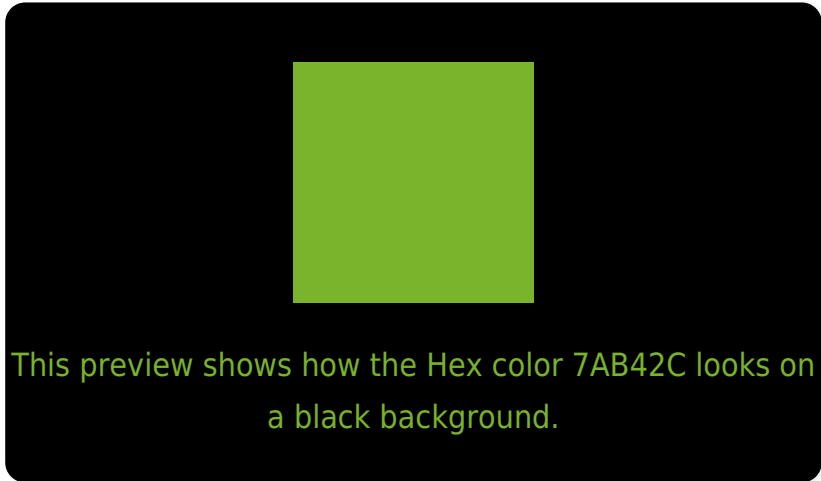
Large Text (above 18pt) WCAG AA × Fail

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 7AB42C Background



This preview shows how black text looks on a background with the Hex color 7AB42C.

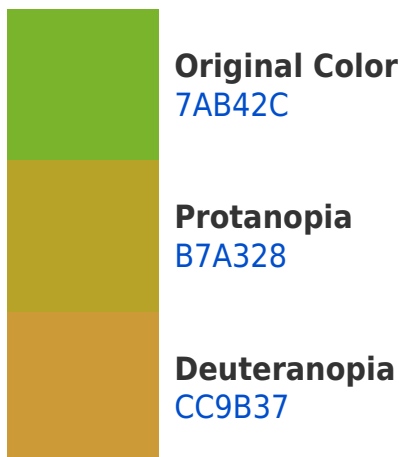


This preview shows how white text looks on a background with the Hex color 7AB42C.

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
8BA8B5

Trichromacy



Original Color
7AB42C

Protanomaly
A1A929

Deuteranomaly
AEA433

Tritanomaly
85AC83

Monochromacy



Original Color
7AB42C

Achromatopsia
939393

Achromatomaly
8A9F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB42C 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 #7AB42C looks like.

```
.text, #text, p{  
    color:#7AB42C  
}
```

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 #7AB42C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB42C
}
```

Border

The CSS property to change the border of an element to Hex 7AB42C 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
#7AB42C }
```

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

```
.border{ border-color:#7AB42C }
```

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

Here you see how a box with a 4 pixel #7AB42C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB42C; -webkit-box-shadow:4px 4px  
4px 4px #7AB42C; box-shadow:4px 4px 4px  
4px #7AB42C }
```

Background

The CSS property to change the background color of an element to Hex 7AB42C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB42C }
```

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

```
.background{ background-color:#7AB42C }
```

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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