

Converting Colors

Hex(7BA242)

Have a look what the booklet for
Hex(7BA242) contains.

Hex(7BA242)	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(7BA242)

Conversions

Conversions Part 1

Format	Color
Hex	7BA242
RGB	123, 162, 66
RGB Percent	48%, 64%, 26%
CMY	0.5176, 0.3647, 0.7412
CMYK	0.24, 0.00, 0.59, 0.36
HSL	84°, 42%, 45%
HSV	84°, 59%, 64%
XYZ	22.0721, 30.4450, 9.8674
YIQ	139.3950, 7.5720, -38.1240

Conversions

Conversions Part 2

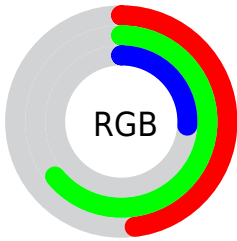
Format	Color
RYB	66, 162, 105
Decimal	8102466
CIELab	62.04, -29.03, 44.71
CIELCh	62, 53.310, 122.998
Yxy	30.4450, 0.3538, 0.4880
Android (android.graphics.Color)	4286292546 (0xFF7BA242)
YUV	139.3950, -36.1837, -14.3784
Hunter-Lab	55.1770, -25.1555, 28.0209

Details

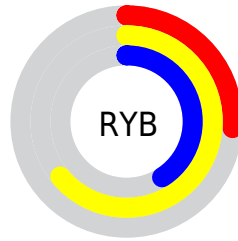
The Hex color **7BA242** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6942A2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B2D975**, and **476E0B** is the 20% darker color. If you saturate the color by 10%, you get **74A232**, and if you desaturate by 10%, it is **82A252**.

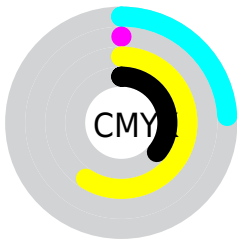
Distribution



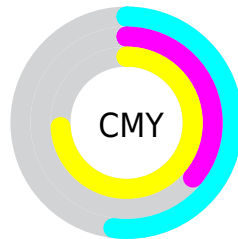
- Red (48%)
- Green (64%)
- Blue (26%)



- Red (26%)
- Yellow (64%)
- Blue (41%)



- Cyan (24%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)



- Cyan (52%)
- Magenta (36%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BA242 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 7BA242 by changing the saturation by 10% instead.



7BA242



7BA242

FFFFFF



618828



B2D975



476E0B



CEF690



2D5600



EBFFAB



133E00



FFFFC7



002800



FFFFE3



000E00



000000



7BA242



7BA242



74A232



82A252

 6EA222

 88A262

 67A211

 8FA273

 61A201

 95A283

 60A200

 9CA293

 A2A2A3

 A9A2B3

 B0A2C4

 B6A2D4

Harmonies

Analogous

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



AC9531



7BA242



34AA69

Triad

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



7BA242



00A6E9



EB6B93

Complementary

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



7BA242



6942A2

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.



D375C2



7BA242



3B9AF4

Square

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



7BA242



00ACC8



9E87E5



E97365

Rectangle

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



7BA242



00AC89



9E87E5



E66DA3

Sweetspot

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



7BA242



C4D4AE



A26842



626B54



EBEBEB



6B6B6B

Same Dimension

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



7BA242



97D43D



4CA242



4E5249



569100



0B1200

Inverse Universe

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



6942A2



7A3DD4



9842A2



4D4952



3B0091



070012

Previews

White Background



This preview shows how the Hex color 7BA242 looks on a white background.

Color Contrast Check

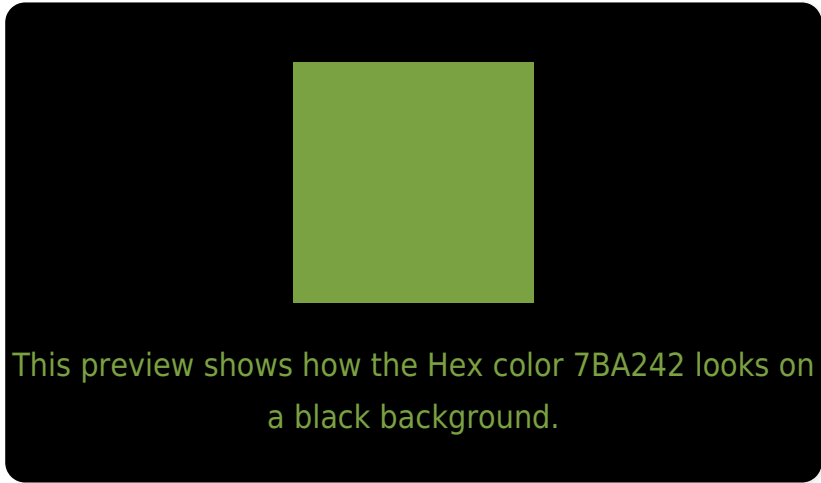
Large Text (above 18pt) WCAG AA × Fail

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 7BA242 Background



This preview shows how black text looks on a background with the Hex color 7BA242.

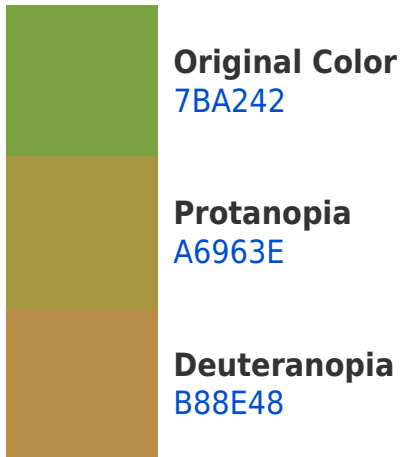


This preview shows how white text looks on a background with the Hex color 7BA242.

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
8898A4

Trichromacy



Original Color
7BA242

Protanomaly
969A3F

Deuteranomaly
A29546

Tritanomaly
839C80

Monochromacy



Original Color
7BA242

Achromatopsia
8B8B8B

Achromatomaly
859370

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BA242 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 #7BA242 looks like.

```
.text, #text, p{  
    color:#7BA242  
}
```

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 #7BA242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA242
}
```

Border

The CSS property to change the border of an element to Hex 7BA242 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
#7BA242 }
```

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

```
.border{ border-color:#7BA242 }
```

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

Here you see how a box with a 4 pixel #7BA242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA242; -webkit-box-shadow:4px 4px  
4px 4px #7BA242; box-shadow:4px 4px 4px  
4px #7BA242 }
```

Background

The CSS property to change the background color of an element to Hex 7BA242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA242 }
```

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

```
.background{ background-color:#7BA242 }
```

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