

Converting Colors

Hex(7BAC64)

Have a look what the booklet for
Hex(7BAC64) contains.

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Color

Hex(7BAC64)

Conversions

Conversions Part 1

Format	Color
Hex	7BAC64
RGB	123, 172, 100
RGB Percent	48%, 67%, 39%
CMY	0.5176, 0.3255, 0.6078
CMYK	0.28, 0.00, 0.42, 0.33
HSL	101°, 30%, 53%
HSV	101°, 42%, 67%
XYZ	25.2212, 34.6361, 17.4127
YIQ	149.1410, -6.0920, -32.7800

Conversions

Conversions Part 2

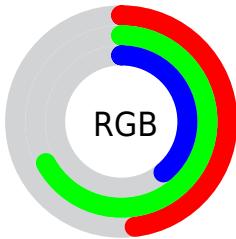
Format	Color
RYB	100, 172, 149
Decimal	8105060
CIELab	65.46, -29.84, 31.90
CIELCh	65, 43.678, 133.090
Yxy	34.6361, 0.3264, 0.4482
Android (android.graphics.Color)	4286295140 (0xFF7BAC64)
YUV	149.1410, -24.2265, -22.9257
Hunter-Lab	58.8524, -26.4958, 23.6545

Details

The Hex color **7BAC64** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9564AC**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B1E498**, and **487733** is the 20% darker color. If you saturate the color by 10%, you get **6FAC53**, and if you desaturate by 10%, it is **87AC75**.

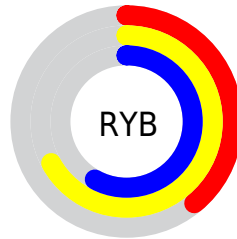
Distribution



Red (48%)

Green (67%)

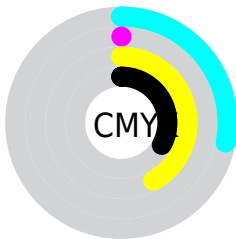
Blue (39%)



Red (39%)

Yellow (67%)

Blue (58%)

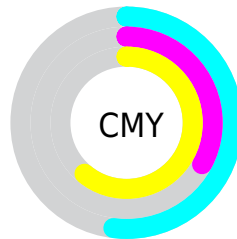


Cyan (28%)

Magenta (0%)

Yellow (42%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAC64 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 7BAC64 by changing the saturation by 10% instead.

 7BAC64

 7BAC64

FFFFFF

 61914B

 B1E498

 487733

 CDFFB3

 2E5E1C

 EAFFCF

 144603

 FFFFEB

 002F00

 001C00

 000000

 7BAC64

 7BAC64

 6FAC53

 87AC75

 64AC42

 92AC86

 58AC30

 9EAC98

 4CAC1F

 AAACA9

 40AC0E

 B6ACBA

 37AC00

 C1ACCB

 CDACDC

 D9ACEE

 E4ACFF

Harmonies

Analogous

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



A6A250



7BAC64



43B287

Triad

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



7BAC64



1DA9E9



EA7F8F

Complementary

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



7BAC64



9564AC

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.



DC82B7



7BAC64



7F9DEB

Square

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



7BAC64



00B1D3



B98ED8



E2876B

Rectangle

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



7BAC64



00B3A2



B98ED8



E87F9C

Sweetspot

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



7BAC64



CDE0C3



AC9464



64705E



F0F0F0



707070

Same Dimension

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



7BAC64



94E070



64AC70



51574E



309600



071700

Inverse Universe

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



9564AC



BD70E0



AC64A0



544E57



660096



100017

Previews

White Background



This preview shows how the Hex color 7BAC64 looks on a white background.

Color Contrast Check

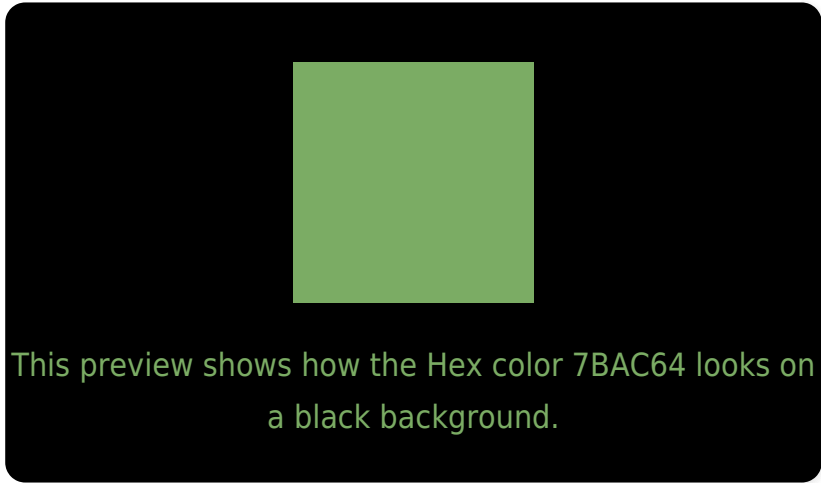
Large Text (above 18pt) WCAG AA × Fail

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 7BAC64 Background



This preview shows how black text looks on a background with the Hex color 7BAC64.

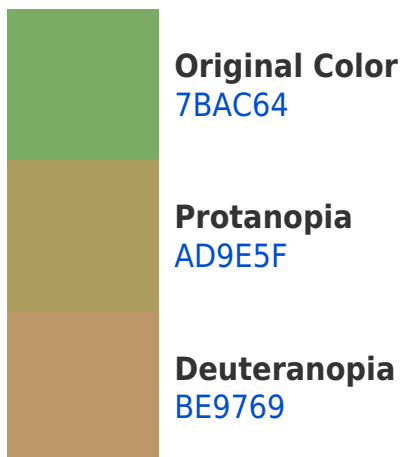


This preview shows how white text looks on a background with the Hex color 7BAC64.

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](#).

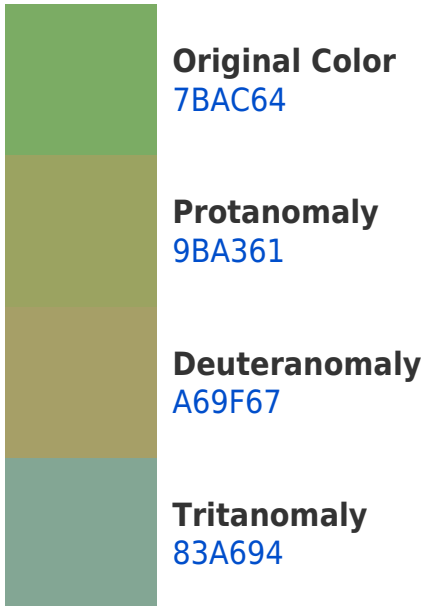
Dichromacy





Tritanopia
87A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAC64 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 #7BAC64 looks like.

```
.text, #text, p{  
    color:#7BAC64  
}
```

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 #7BAC64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAC64
}
```

Border

The CSS property to change the border of an element to Hex 7BAC64 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
#7BAC64 }
```

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

```
.border{ border-color:#7BAC64 }
```

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

Here you see how a box with a 4 pixel #7BAC64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAC64; -webkit-box-shadow:4px 4px  
4px 4px #7BAC64; box-shadow:4px 4px 4px  
4px #7BAC64 }
```

Background

The CSS property to change the background color of an element to Hex 7BAC64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAC64 }
```

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

```
.background{ background-color:#7BAC64 }
```

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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