

Converting Colors

Hex(71B862)

Have a look what the booklet for
Hex(71B862) contains.

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Color

Hex(71B862)

Conversions

Conversions Part 1

Format	Color
Hex	71B862
RGB	113, 184, 98
RGB Percent	44%, 72%, 38%
CMY	0.5569, 0.2784, 0.6157
CMYK	0.39, 0.00, 0.47, 0.28
HSL	110°, 38%, 55%
HSV	110°, 47%, 72%
XYZ	26.1551, 38.6735, 17.6415
YIQ	152.9670, -14.7100, -41.7980

Conversions

Conversions Part 2

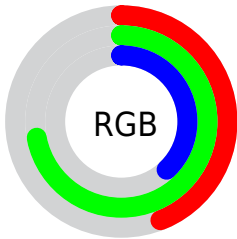
Format	Color
RYB	98, 184, 169
Decimal	7452770
CIELab	68.51, -39.07, 36.68
CIELCh	69, 53.588, 136.803
Yxy	38.6735, 0.3171, 0.4689
Android (android.graphics.Color)	4285642850 (0xFF71B862)
YUV	152.9670, -27.0987, -35.0511
Hunter-Lab	62.1880, -33.7553, 26.7123

Details

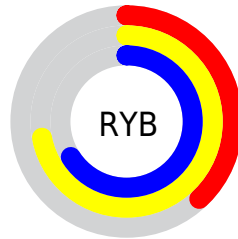
The Hex color **71B862** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A962B8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A8F196**, and **3B8231** is the 20% darker color. If you saturate the color by 10%, you get **62B850**, and if you desaturate by 10%, it is **80B874**.

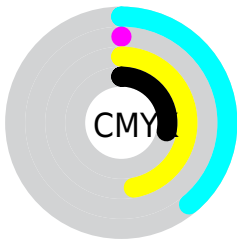
Distribution



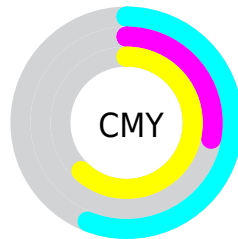
- Red (44%)
- Green (72%)
- Blue (38%)



- Red (38%)
- Yellow (72%)
- Blue (66%)



- Cyan (39%)
- Magenta (0%)
- Yellow (47%)
- Black (28%)




- Cyan (56%)
- Magenta (28%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B862 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 71B862 by changing the saturation by 10% instead.

 71B862

 71B862

FFFFFF

 569D49

 A8F196

 3B8231

 C4FFB1

 1E6918

 E1FFCD

 005000


 FEFFEA

 003800

 002400

 000000

 71B862

 71B862

 62B850

 80B874

 53B83D

 8FB887

 43B82B

 9FB899

 34B818

 AEB8AC

 25B806

 BDB8BE

 20B800

 CCB8D0

 DBB8E3

 EBB8F5

 FAB8FF

Harmonies

Analogous

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



A8AD45



71B862



00BE8F

Triad

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



71B862



00B2FF



FF7E8E

Complementary

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



71B862



A962B8

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.



F680BF



71B862



85A3FF

Square

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



71B862



00BCED



CD8FEA



F58B62

Rectangle

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



71B862



00BFB1



CD8FEA



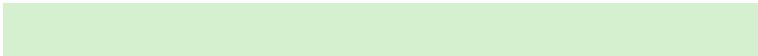
FF7D9E

Sweetspot

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



71B862



D4F0CE



B8A862



677863



F7F7F7



787878

Same Dimension

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



71B862



81F069



62B87D



545C53



1B9C00



051C00

Inverse Universe

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



A962B8



D869F0



B8629D



5A535C



80009C



17001C

Previews

White Background



This preview shows how the Hex color 71B862 looks on a white background.

Color Contrast Check

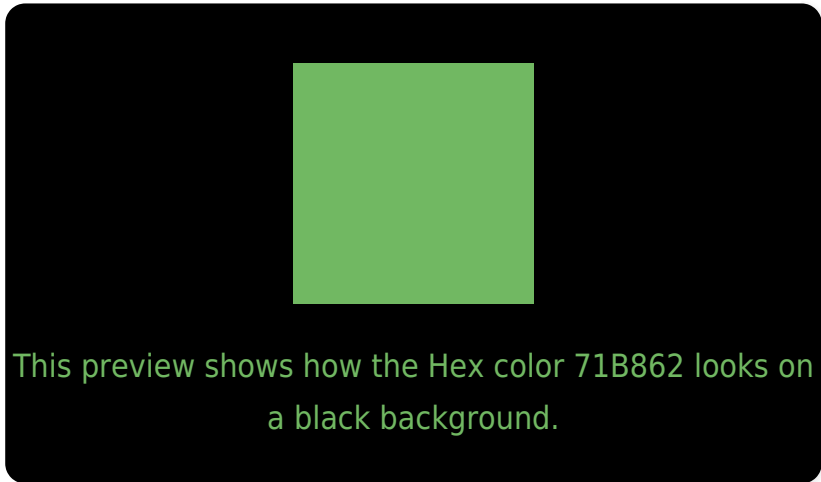
Large Text (above 18pt) WCAG AA × Fail

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

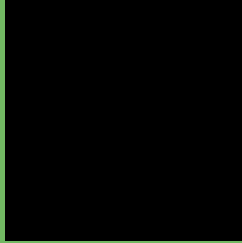
Any Text WCAG AA ✓ Pass

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 71B862 Background



This preview shows how black text looks on a background with the Hex color 71B862.



This preview shows how white text looks on a background with the Hex color 71B862.

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](#).

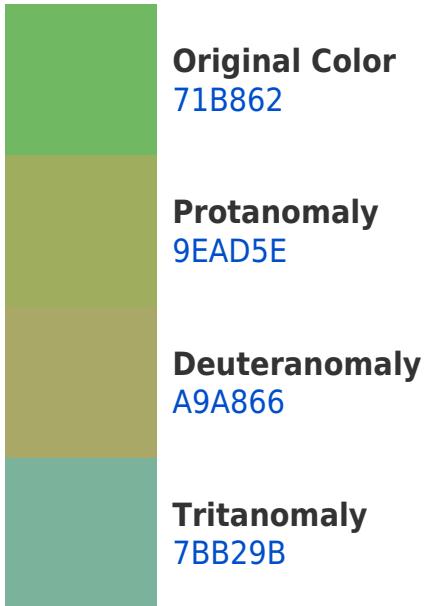
Dichromacy



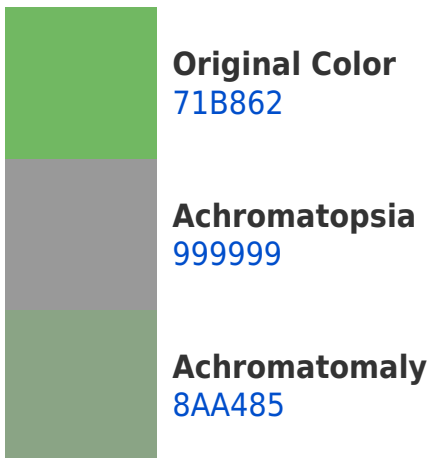


Tritanopia
81AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B862 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 #71B862 looks like.

```
.text, #text, p{  
    color:#71B862  
}
```

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 #71B862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B862
}
```

Border

The CSS property to change the border of an element to Hex 71B862 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
#71B862 }
```

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

```
.border{ border-color:#71B862 }
```

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

Here you see how a box with a 4 pixel #71B862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B862; -webkit-box-shadow:4px 4px  
4px 4px #71B862; box-shadow:4px 4px 4px  
4px #71B862 }
```

Background

The CSS property to change the background color of an element to Hex 71B862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B862 }
```

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

```
.background{ background-color:#71B862 }
```

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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