

Converting Colors

Hex(8CB370)

Have a look what the booklet for
Hex(8CB370) contains.

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Color

Hex(8CB370)

Conversions

Conversions Part 1

Format	Color
Hex	8CB370
RGB	140, 179, 112
RGB Percent	55%, 70%, 44%
CMY	0.4510, 0.2980, 0.5608
CMYK	0.22, 0.00, 0.37, 0.30
HSL	95°, 31%, 57%
HSV	95°, 37%, 70%
XYZ	29.8599, 38.9855, 21.2804
YIQ	159.7010, -1.7370, -29.1050

Conversions

Conversions Part 2

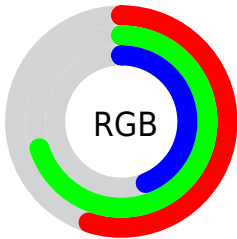
Format	Color
RYB	112, 179, 151
Decimal	9220976
CIELab	68.74, -25.36, 30.04
CIELCh	69, 39.313, 130.172
Yxy	38.9855, 0.3313, 0.4326
Android (android.graphics.Color)	4287411056 (0xFF8CB370)
YUV	159.7010, -23.5166, -17.2778
Hunter-Lab	62.4384, -23.9030, 23.4995

Details

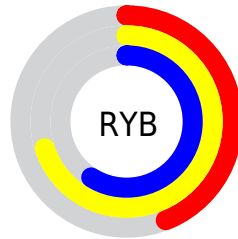
The Hex color **8CB370** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **9770B3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C3EBA4**, and **587E3F** is the 20% darker color. If you saturate the color by 10%, you get **82B35E**, and if you desaturate by 10%, it is **96B382**.

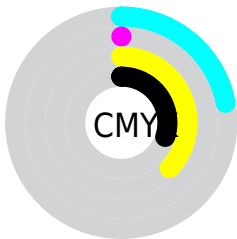
Distribution



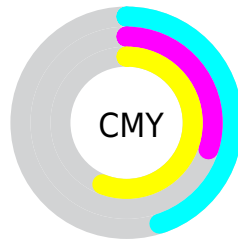
- Red (55%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (59%)



- Cyan (22%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (45%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CB370 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 8CB370 by changing the saturation by 10% instead.

 8CB370

 8CB370

FFFFFF

 729857

 C3EBA4

 587E3F

 DFFFC0

 406528

 FCFFDC

 274D10

 FFFFF9

 103600

 002100

 000000

 8CB370

 8CB370

 82B35E

 96B382

 77B34C

 A1B394

 6DB33A

 ABB3A6

 62B328

 B6B3B8

 58B317

 C0B3CA

 4DB305

 CBB3DB

 4BB300

 D5B3ED

 DFB3FF

 EAB3FF

Harmonies

Analogous

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



B3A960



8CB370



5FB98E

Triad

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



8CB370



44B2EA



EC8C9D

Complementary

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



8CB370



9770B3

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.



DE8FC1



8CB370



87A7ED

Square

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



8CB370



00B9D4



BB9ADE



E8927C

Rectangle

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



8CB370



3ABAA7



BB9ADE



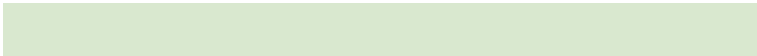
EA8CA9

Sweetspot

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



8CB370



D9E8CF



B39670



6C7566



F5F5F5



757575

Same Dimension

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



8CB370



ABE880



70B374



545950



409900



0B1A00

Inverse Universe

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



9770B3



BC80E8



B370AF



565059



590099



0F001A

Previews

White Background



This preview shows how the Hex color 8CB370 looks on a white background.

Color Contrast Check

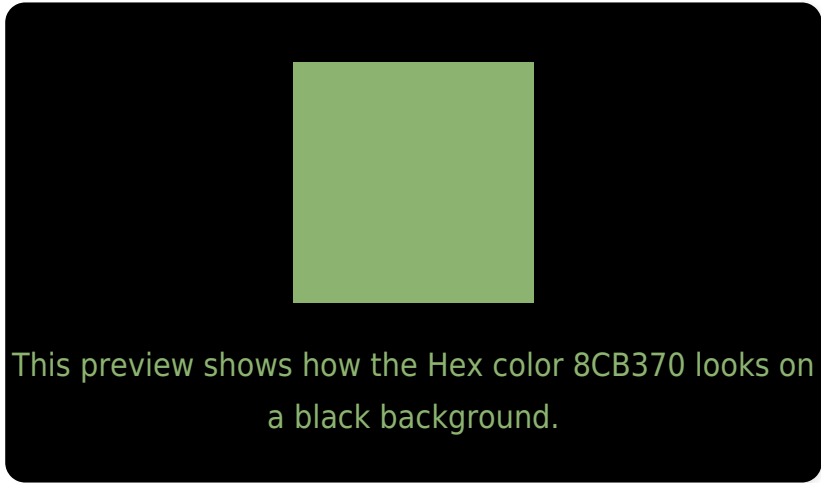
Large Text (above 18pt) WCAG AA × Fail

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

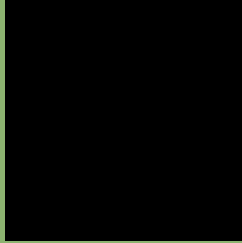
Any Text WCAG AA ✓ Pass

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 8CB370 Background



This preview shows how black text looks on a background with the Hex color 8CB370.

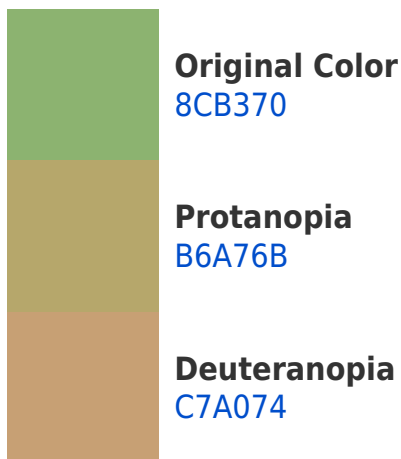


This preview shows how white text looks on a background with the Hex color 8CB370.

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
97AAB8

Trichromacy



Original Color
8CB370

Protanomaly
A7AB6D

Deuteranomaly
B2A773

Tritanomaly
93AD9E

Monochromacy



Original Color
8CB370

Achromatopsia
A0A0A0

Achromatomaly
99A78F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CB370 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 #8CB370 looks like.

```
.text, #text, p{  
    color:#8CB370  
}
```

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 #8CB370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB370
}
```

Border

The CSS property to change the border of an element to Hex 8CB370 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
#8CB370 }
```

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

```
.border{ border-color:#8CB370 }
```

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

Here you see how a box with a 4 pixel #8CB370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB370; -webkit-box-shadow:4px 4px  
4px 4px #8CB370; box-shadow:4px 4px 4px  
4px #8CB370 }
```

Background

The CSS property to change the background color of an element to Hex 8CB370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB370 }
```

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

```
.background{ background-color:#8CB370 }
```

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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