

Converting Colors

Hex(6BC870)

Have a look what the booklet for
Hex(6BC870) contains.

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Color

Hex(6BC870)

Conversions

Conversions Part 1

Format	Color
Hex	6BC870
RGB	107, 200, 112
RGB Percent	42%, 78%, 44%
CMY	0.5804, 0.2157, 0.5608
CMYK	0.46, 0.00, 0.44, 0.22
HSL	123°, 46%, 60%
HSV	123°, 46%, 78%
XYZ	29.6423, 45.6042, 22.5694
YIQ	162.1610, -27.1800, -47.0840

Conversions

Conversions Part 2

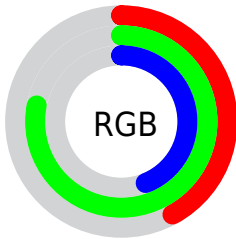
Format	Color
RYB	107, 195, 200
Decimal	7063664
CIELab	73.29, -45.79, 35.58
CIElCh	73, 57.988, 142.149
Yxy	45.6042, 0.3030, 0.4662
Android (android.graphics.Color)	4285253744 (0xFF6BC870)
YUV	162.1610, -24.7294, -48.3762
Hunter-Lab	67.5309, -39.8275, 27.4564

Details

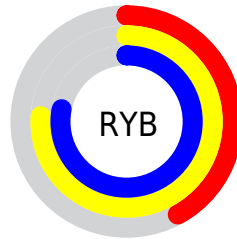
The Hex color **6BC870** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C86BC3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A3FFA5**, and **31913E** is the 20% darker color. If you saturate the color by 10%, you get **57C85D**, and if you desaturate by 10%, it is **7FC883**.

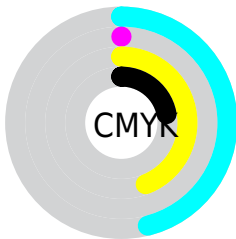
Distribution



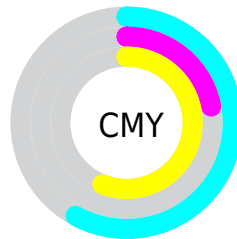
- Red (42%)
- Green (78%)
- Blue (44%)



- Red (42%)
- Yellow (76%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC870 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 6BC870 by changing the saturation by 10% instead.



6BC870



6BC870

FFFFFF



4FAC57



A3FFA5



31913E



C0FFC0



077726



D0FFDD



005D0C



FBFFF9



004500



002E00



001400



000000



6BC870



6BC870

 57C85D

 7FC883

 43C84A

 93C896

 2FC837

 A7C8A9

 1BC824

 BBC8BC

 07C811

 CFC8CF

 00C80B

 E3C8E2

 F7C8F4

 FFC8FF

Harmonies

Analogous

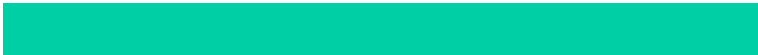
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABBD4C



6BC870



00CEA4

Triad

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



6BC870



00BEFF



FF888F

Complementary

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



6BC870



C86BC3

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.



FF87C4



6BC870



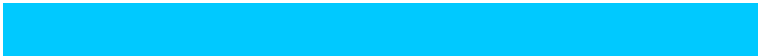
A0ACFF

Square

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



6BC870



00C9FF



E896F6



FF9861

Rectangle

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



6BC870



00CFC9



E896F6



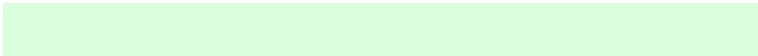
FF86A0

Sweetspot

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



6BC870



DBFFDD



C3C86B



6A806B



000000



808080

Same Dimension

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



6BC870



70FF78



6BC89E



5A635A



00A309



002402

Inverse Universe

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



C86BC3



FF70F7



C86B95



635A63



A3009A



240022

Previews

White Background



This preview shows how the Hex color 6BC870 looks on a white background.

Color Contrast Check

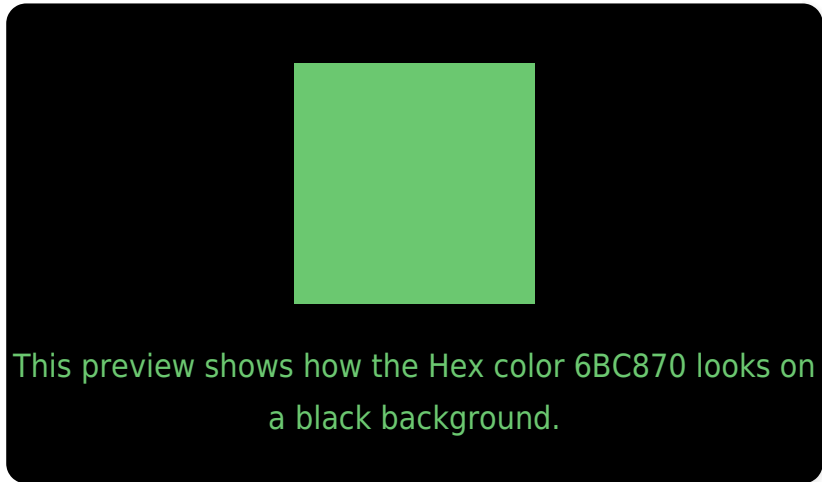
Large Text (above 18pt) WCAG AA × Fail

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

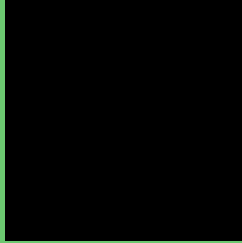
Any Text WCAG AA ✓ Pass

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 6BC870 Background



This preview shows how black text looks on a background with the Hex color 6BC870.



This preview shows how white text looks on a background with the Hex color 6BC870.

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

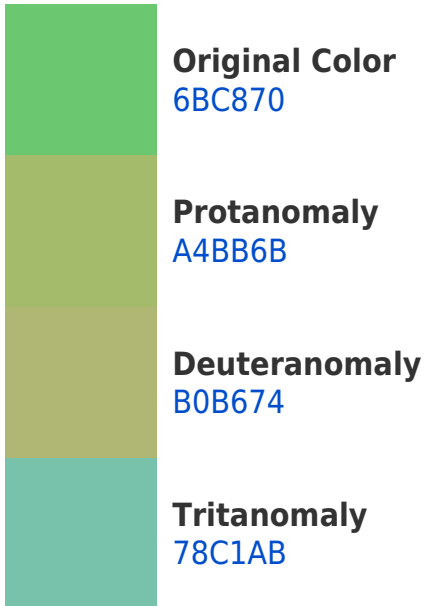


Original Color
6BC870

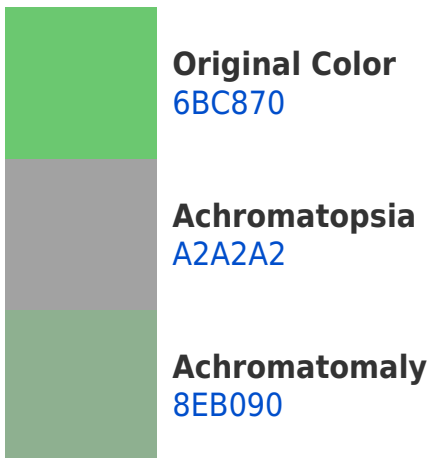
Protanopia
C4B368

Deuteranopia
D7AB77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC870 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 #6BC870 looks like.

```
.text, #text, p{  
    color:#6BC870  
}
```

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 #6BC870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC870
}
```

Border

The CSS property to change the border of an element to Hex 6BC870 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
#6BC870 }
```

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

```
.border{ border-color:#6BC870 }
```

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

Here you see how a box with a 4 pixel #6BC870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC870; -webkit-box-shadow:4px 4px  
4px 4px #6BC870; box-shadow:4px 4px 4px  
4px #6BC870 }
```

Background

The CSS property to change the background color of an element to Hex 6BC870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC870 }
```

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

```
.background{ background-color:#6BC870 }
```

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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