

Converting Colors

Hex(60B871)

Have a look what the booklet for
Hex(60B871) contains.

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Color

Hex(60B871)

Conversions

Conversions Part 1

Format	Color
Hex	60B871
RGB	96, 184, 113
RGB Percent	38%, 72%, 44%
CMY	0.6235, 0.2784, 0.5569
CMYK	0.48, 0.00, 0.39, 0.28
HSL	132°, 38%, 55%
HSV	132°, 48%, 72%
XYZ	24.9450, 37.9600, 21.6351
YIQ	149.5940, -29.6570, -40.7370

Conversions

Conversions Part 2

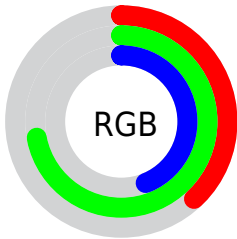
Format	Color
RYB	96, 170, 184
Decimal	6338673
CIELab	67.99, -41.91, 28.11
CIElCh	68, 50.459, 146.151
Yxy	37.9600, 0.2951, 0.4490
Android (android.graphics.Color)	4284528753 (0xFF60B871)
YUV	149.5940, -18.0408, -47.0019
Hunter-Lab	61.6117, -35.5504, 22.3084

Details

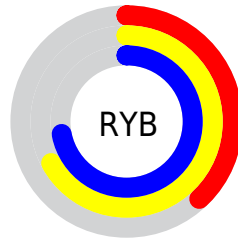
The Hex color **60B871** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B860A7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **97F1A5**, and **268240** is the 20% darker color. If you saturate the color by 10%, you get **4EB862**, and if you desaturate by 10%, it is **72B880**.

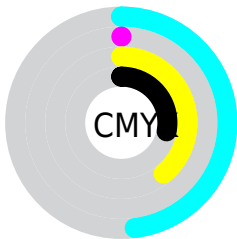
Distribution



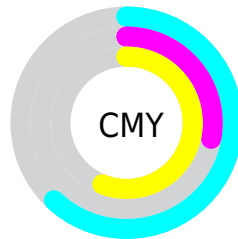
- Red (38%)
- Green (72%)
- Blue (44%)



- Red (38%)
- Yellow (67%)
- Blue (72%)



- Cyan (48%)
- Magenta (0%)
- Yellow (39%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 60B871 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 60B871 by changing the saturation by 10% instead.

 60B871

 60B871

FFFFFF

 449D58

 97F1A5

 268240

 B4FFC1

 006829

 D0FFDD

 004F12

 EDFFFA

 003700

 002300

 000000

 60B871

 60B871

 4EB862

 72B880

 3BB853

 85B88F

 29B844

 97B89E

 16B836

 AAB8AC

 04B827

 BCB8BB

 00B824

 CEB8CA

 E1B8D9

 F3B8E8

 FFB8F7

Harmonies

Analogous

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



99AF50



60B871



00BC9E

Triad

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



60B871



3EACFF



FA8280

Complementary

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



60B871



B860A7

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.



F67FAD



60B871



9F9CF8

Square

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



60B871



00B7F0



D88AD9



E8905B

Rectangle

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



60B871



00BDBE



D88AD9



FC808F

Sweetspot

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



60B871



CEF0D5



A8B860



637867



F7F7F7



787878

Same Dimension

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



60B871



67F081



60B89C



535C54



009C1E



001C05

Inverse Universe

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



B860A7



F067D5



B8607C



5C535A



9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 60B871 looks on a white background.

Color Contrast Check

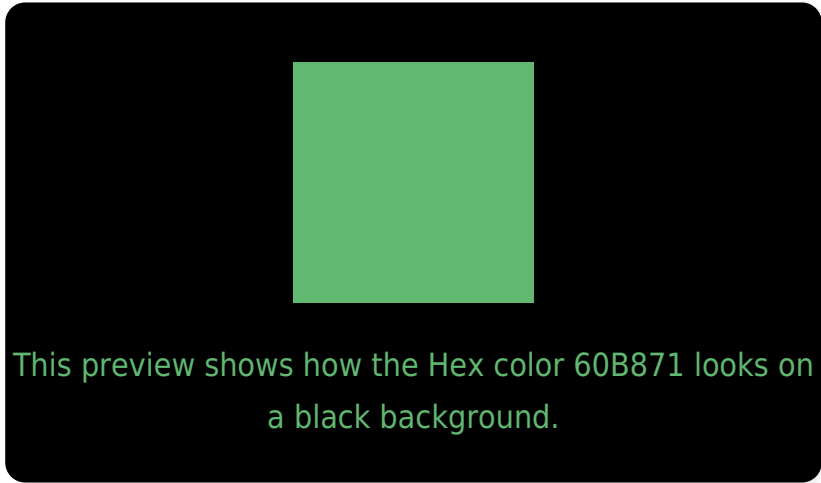
Large Text (above 18pt) WCAG AA × Fail

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

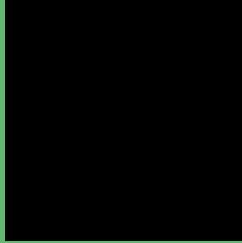
Any Text WCAG AA ✓ Pass

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 60B871 Background



This preview shows how black text looks on a background with the Hex color 60B871.

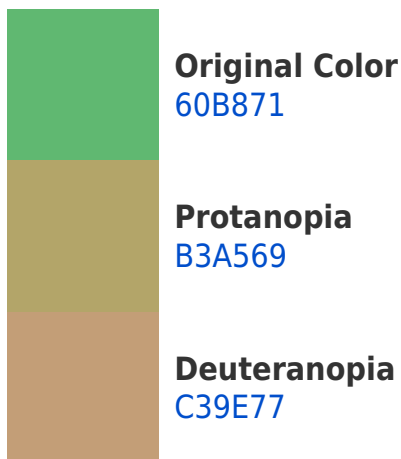


This preview shows how white text looks on a background with the Hex color 60B871.

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
71AFBD

Trichromacy



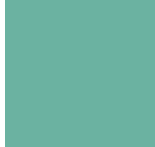
Original Color
60B871



Protanomaly
95AC6C



Deuteranomaly
9FA775



Tritanomaly
6BB2A1

Monochromacy



Original Color
60B871



Achromatopsia
969696



Achromatomaly
82A289

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B871 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 #60B871 looks like.

```
.text, #text, p{  
    color:#60B871  
}
```

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 #60B871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B871
}
```

Border

The CSS property to change the border of an element to Hex 60B871 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
#60B871 }
```

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

```
.border{ border-color:#60B871 }
```

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

Here you see how a box with a 4 pixel #60B871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B871; -webkit-box-shadow:4px 4px  
4px 4px #60B871; box-shadow:4px 4px 4px  
4px #60B871 }
```

Background

The CSS property to change the background color of an element to Hex 60B871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B871 }
```

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

```
.background{ background-color:#60B871 }
```

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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