

Converting Colors

Hex(62B871)

Have a look what the booklet for
Hex(62B871) contains.

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Color

Hex(62B871)

Conversions

Conversions Part 1

Format	Color
Hex	62B871
RGB	98, 184, 113
RGB Percent	38%, 72%, 44%
CMY	0.6157, 0.2784, 0.5569
CMYK	0.47, 0.00, 0.39, 0.28
HSL	130°, 38%, 55%
HSV	130°, 47%, 72%
XYZ	25.1581, 38.0699, 21.6450
YIQ	150.1920, -28.4650, -40.3130

Conversions

Conversions Part 2

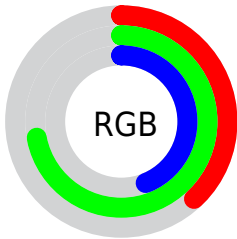
Format	Color
RYB	98, 171, 184
Decimal	6469745
CIELab	68.07, -41.35, 28.23
CIELCh	68, 50.063, 145.679
Yxy	38.0699, 0.2964, 0.4486
Android (android.graphics.Color)	4284659825 (0xFF62B871)
YUV	150.1920, -18.3357, -45.7724
Hunter-Lab	61.7008, -35.1941, 22.3913

Details

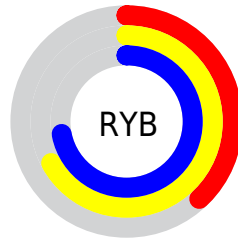
The Hex color **62B871** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B862A9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **99F1A5**, and **298240** is the 20% darker color. If you saturate the color by 10%, you get **50B862**, and if you desaturate by 10%, it is **74B880**.

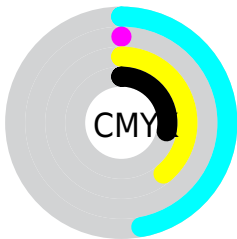
Distribution



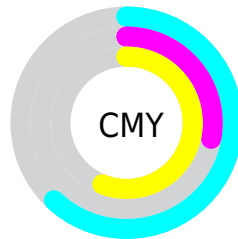
- Red (38%)
- Green (72%)
- Blue (44%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 62B871 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 62B871 by changing the saturation by 10% instead.

 62B871

 62B871


FFFFFF

 469D58

 99F1A5

 298240

 B5FFC1

 006829

 D2FFDD

 005012

 EFFFFA

 003800

 002300

 000000

 62B871

 62B871

 50B862

 74B880

 3DB853

 87B88F

 2BB843

 99B89F

 18B834

 ACB8AE

 06B825

 BEB8BD

 00B820

 D0B8CC

 E3B8DB

 F5B8EB

 FFB8FA

Harmonies

Analogous

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



9AAF51



62B871



00BC9E

Triad

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



62B871



3FADFF



FA8381

Complementary

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



62B871



B862A9

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.



F680AE



62B871



9F9DF7

Square

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



62B871



00B7F0



D88BD9



E8915C

Rectangle

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



62B871



00BDBD



D88BD9



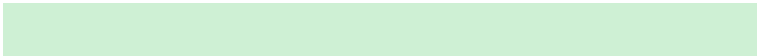
FB8090

Sweetspot

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



62B871



CEF0D4



AAB862



637867



F7F7F7



787878

Same Dimension

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



62B871



69F081



62B89B



535C54



009C1B



001C05

Inverse Universe

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



B862A9



F069D8



B8627F



5C535A



9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 62B871 looks on a white background.

Color Contrast Check

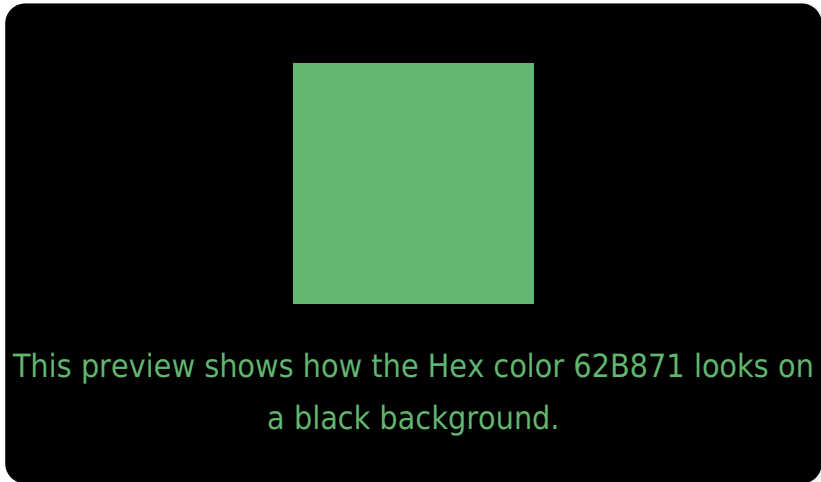
Large Text (above 18pt) WCAG AA × Fail

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 62B871 Background



This preview shows how black text looks on a background with the Hex color 62B871.

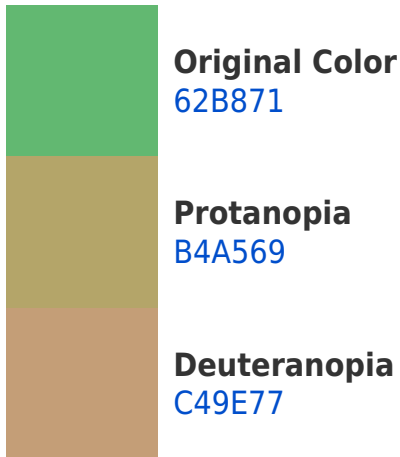


This preview shows how white text looks on a background with the Hex color 62B871.

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](#).

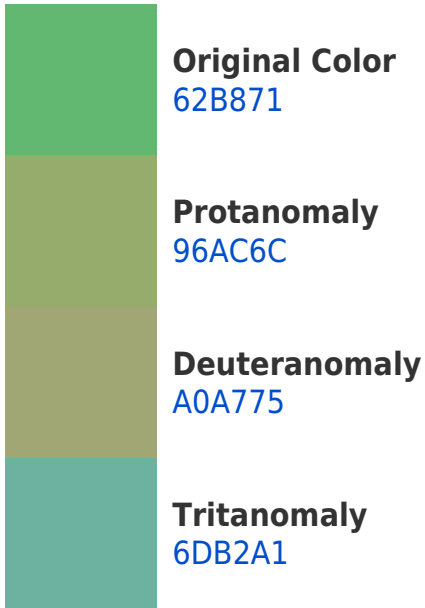
Dichromacy





Tritanopia
73AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62B871 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 #62B871 looks like.

```
.text, #text, p{  
    color:#62B871  
}
```

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 #62B871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B871
}
```

Border

The CSS property to change the border of an element to Hex 62B871 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
#62B871 }
```

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

```
.border{ border-color:#62B871 }
```

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

Here you see how a box with a 4 pixel #62B871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62B871; -webkit-box-shadow:4px 4px  
4px 4px #62B871; box-shadow:4px 4px 4px  
4px #62B871 }
```

Background

The CSS property to change the background color of an element to Hex 62B871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62B871 }
```

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

```
.background{ background-color:#62B871 }
```

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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