

Converting Colors

Hex(62BA77)

Have a look what the booklet for
Hex(62BA77) contains.

Hex(62BA77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62BA77)

Conversions

Conversions Part 1

Format	Color
Hex	62BA77
RGB	98, 186, 119
RGB Percent	38%, 73%, 47%
CMY	0.6157, 0.2706, 0.5333
CMYK	0.47, 0.00, 0.36, 0.27
HSL	134°, 39%, 56%
HSV	134°, 47%, 73%
XYZ	25.9257, 39.0464, 23.6230
YIQ	152.0500, -30.9410, -39.4930

Conversions

Conversions Part 2

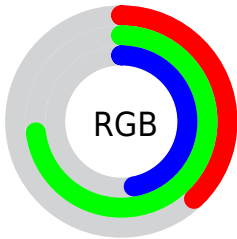
Format	Color
RYB	98, 169, 186
Decimal	6470263
CIELab	68.78, -41.19, 26.00
CIELCh	69, 48.709, 147.733
Yxy	39.0464, 0.2926, 0.4407
Android (android.graphics.Color)	4284660343 (0xFF62BA77)
YUV	152.0500, -16.2936, -47.4018
Hunter-Lab	62.4871, -35.2934, 21.3266

Details

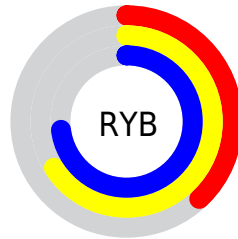
The Hex color **62BA77** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA62A5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **99F3AC**, and **298446** is the 20% darker color. If you saturate the color by 10%, you get **4FBA69**, and if you desaturate by 10%, it is **75BA85**.

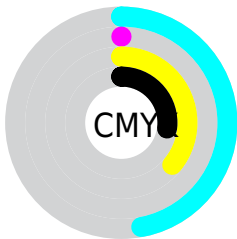
Distribution



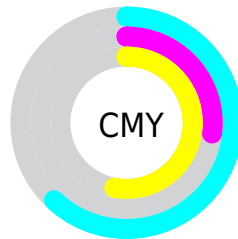
- Red (38%)
- Green (73%)
- Blue (47%)



- Red (38%)
- Yellow (66%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62BA77 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 62BA77 by changing the saturation by 10% instead.

 62BA77

 62BA77

FFFFFF

 469F5E


 99F3AC

 298446

 B6FFC7

 006A2E

 D2FFE3

 005118

 F0FFFF

 003900

 002500

 000000

 62BA77

 62BA77

 4FBA69

 75BA85

 3DBA5B

 87BA93

 2ABA4D

 9ABAA1

 18BA3E

 ACBAB0

 05BA30

 BFBABE

 00BA2C

 D2BACC

 E4BADA

 F7BAE8

 FFBAF6

Harmonies

Analogous

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



99B157



62BA77



00BEA3

Triad

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



62BA77



51ADFF



FA8781

Complementary

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



62BA77



BA62A5

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.



F783AD



62BA77



A69EF6

Square

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



62BA77



00B8F1



DB8DD8



E7945E

Rectangle

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



62BA77



00BEC1



DB8DD8



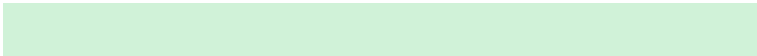
FB848F

Sweetspot

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



62BA77



D0F2D8



A5BA62



667A6B



FAFAFA



7A7A7A

Same Dimension

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



62BA77



68F289



62BAA3



535C55



009C25



001C07

Inverse Universe

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



BA62A5



F268D1



BA6279



5C535A



9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 62BA77 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



This preview shows how the Hex color 62BA77 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

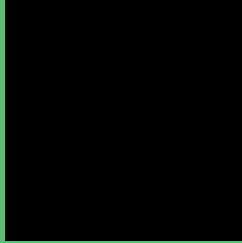
Any Text WCAG AA ✓ Pass

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 62BA77 Background



This preview shows how black text looks on a background with the Hex color 62BA77.



This preview shows how white text looks on a background with the Hex color 62BA77.

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](#).

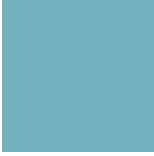
Dichromacy



Original Color
62BA77

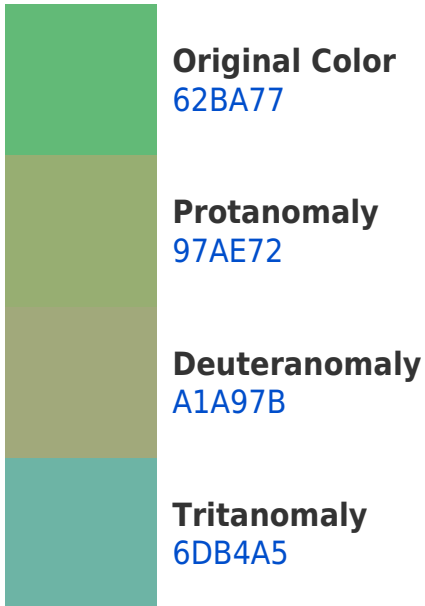
Protanopia
B5A76F

Deuteranopia
C5A07D



Tritanopia
73B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62BA77 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 #62BA77 looks like.

```
.text, #text, p{  
    color:#62BA77  
}
```

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 #62BA77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BA77  
}
```

Border

The CSS property to change the border of an element to Hex 62BA77 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  
#62BA77 }
```

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

```
.border{ border-color:#62BA77 }
```

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

Here you see how a box with a 4 pixel #62BA77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BA77; -webkit-box-shadow:4px 4px  
4px 4px #62BA77; box-shadow:4px 4px 4px  
4px #62BA77 }
```

Background

The CSS property to change the background color of an element to Hex 62BA77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BA77 }
```

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

```
.background{ background-color:#62BA77 }
```

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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