

Converting Colors

Hex(63A37A)

Have a look what the booklet for
Hex(63A37A) contains.

Hex(63A37A)	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(63A37A)

Conversions

Conversions Part 1

Format	Color
Hex	63A37A
RGB	99, 163, 122
RGB Percent	39%, 64%, 48%
CMY	0.6118, 0.3608, 0.5216
CMYK	0.39, 0.00, 0.25, 0.36
HSL	142°, 26%, 51%
HSV	142°, 39%, 64%
XYZ	21.7556, 30.2522, 23.1050
YIQ	139.1900, -24.9830, -26.3190

Conversions

Conversions Part 2

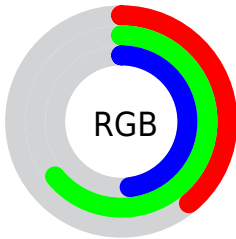
Format	Color
RYB	99, 146, 163
Decimal	6529914
CIELab	61.87, -29.80, 14.97
CIELCh	62, 33.346, 153.328
Yxy	30.2522, 0.2896, 0.4028
Android (android.graphics.Color)	4284719994 (0xFF63A37A)
YUV	139.1900, -8.4747, -35.2466
Hunter-Lab	55.0020, -25.6491, 13.5951

Details

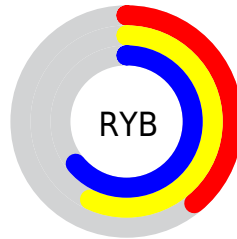
The Hex color **63A37A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A3638C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **98DAAF**, and **2F6F49** is the 20% darker color. If you saturate the color by 10%, you get **53A370**, and if you desaturate by 10%, it is **73A384**.

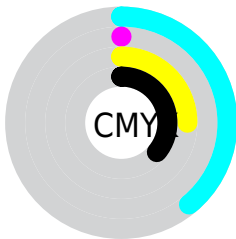
Distribution



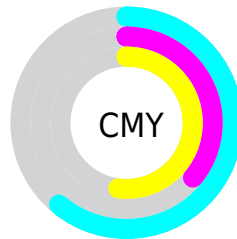
- Red (39%)
- Green (64%)
- Blue (48%)



- Red (39%)
- Yellow (57%)
- Blue (64%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (61%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A37A 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 63A37A by changing the saturation by 10% instead.



63A37A



63A37A

FFFFFF



498861



98DAAF



2F6F49



B4F7CA



135632



D0FFE6



003E1D



EDFFFF



002805



000D00



000000



63A37A



63A37A



53A370



73A384

 42A365

 84A38F

 32A35B

 94A399

 22A350

 A4A3A4

 12A346

 B4A3AE

 01A33B

 C5A3B9

 00A33B

 D5A3C3

 E5A3CE

 F6A3D8

Harmonies

Analogous

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



879D63



63A37A



3CA598

Triad

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



63A37A



7197D0



CD8277

Complementary

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



63A37A



A3638C

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.



CE7F93



63A37A



9D8DC7

Square

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



63A37A



3EA0CA



BE83B1



BF8B61

Rectangle

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



63A37A



23A5AC



BE83B1



CF8080

Sweetspot

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



63A37A



BAD4C3



8DA363



5C6B61



EBEBEB



6B6B6B

Same Dimension

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



63A37A



70D494



63A399



49524C



009134



001206

Inverse Universe

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



A3638C



D470B0



A3636D



52494F



91005D



12000B

Previews

White Background



This preview shows how the Hex color 63A37A looks on a white background.

Color Contrast Check

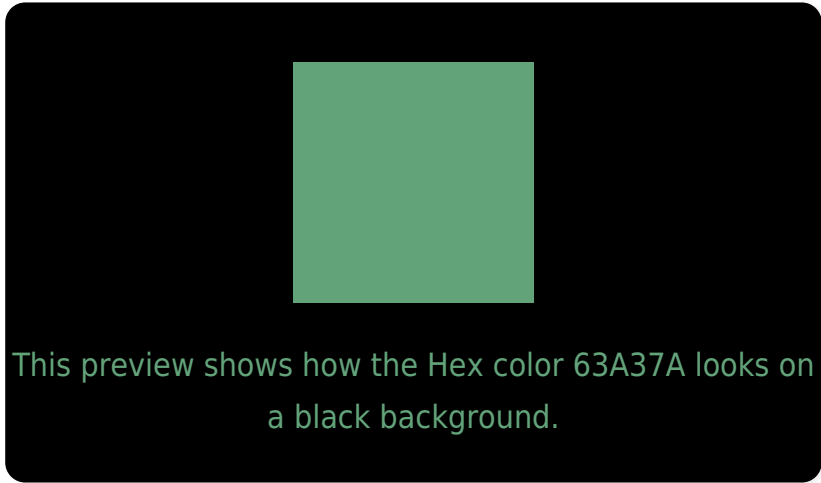
Large Text (above 18pt) WCAG AA × Fail

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

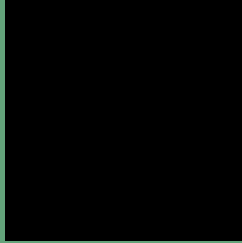
Any Text WCAG AA ✓ Pass

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 63A37A Background



This preview shows how black text looks on a background with the Hex color 63A37A.

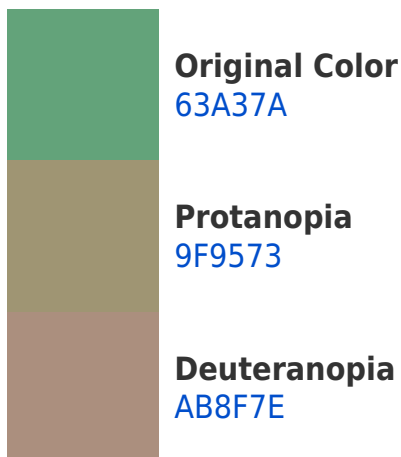


This preview shows how white text looks on a background with the Hex color 63A37A.

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](#).

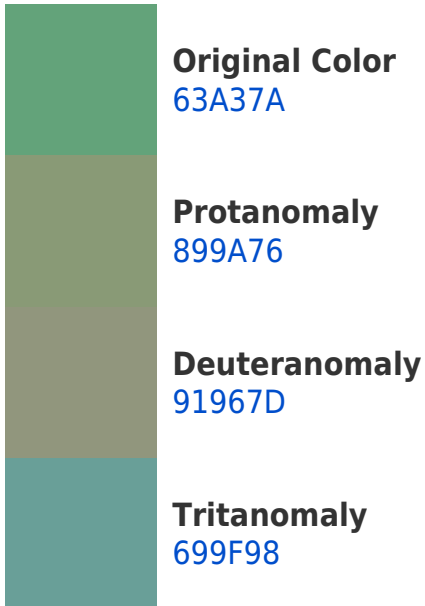
Dichromacy



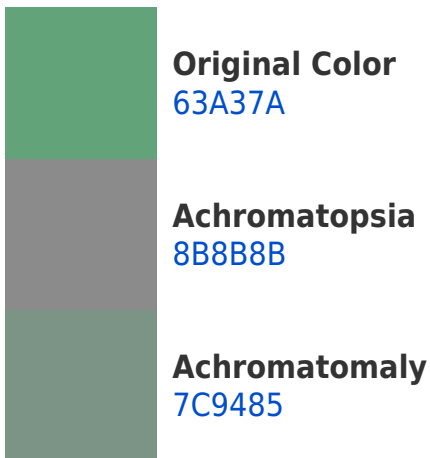


Tritanopia
6D9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A37A 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 #63A37A looks like.

```
.text, #text, p{  
    color:#63A37A  
}
```

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 #63A37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A37A
}
```

Border

The CSS property to change the border of an element to Hex 63A37A 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
#63A37A }
```

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

```
.border{ border-color:#63A37A }
```

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

Here you see how a box with a 4 pixel #63A37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A37A; -webkit-box-shadow:4px 4px  
4px 4px #63A37A; box-shadow:4px 4px 4px  
4px #63A37A }
```

Background

The CSS property to change the background color of an element to Hex 63A37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A37A }
```

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

```
.background{ background-color:#63A37A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor