

Converting Colors

Hex(63BA9D)

Have a look what the booklet for
Hex(63BA9D) contains.

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Color

Hex(63BA9D)

Conversions

Conversions Part 1

Format	Color
Hex	63BA9D
RGB	99, 186, 157
RGB Percent	39%, 73%, 62%
CMY	0.6118, 0.2706, 0.3843
CMYK	0.47, 0.00, 0.16, 0.27
HSL	160°, 39%, 56%
HSV	160°, 47%, 73%
XYZ	28.7903, 40.2048, 38.1412
YIQ	156.6810, -42.5430, -27.4630

Conversions

Conversions Part 2

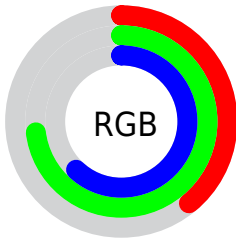
Format	Color
RYB	99, 151, 186
Decimal	6535837
CIELab	69.62, -33.24, 6.63
CIELCh	70, 33.891, 168.724
Yxy	40.2048, 0.2687, 0.3753
Android (android.graphics.Color)	4284725917 (0xFF63BA9D)
YUV	156.6810, 0.1573, -50.5862
Hunter-Lab	63.4072, -29.9141, 8.7205

Details

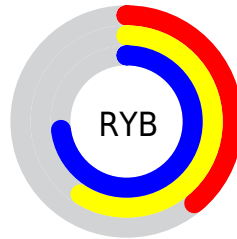
The Hex color **63BA9D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA6380**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9AF3D4**, and **2A846A** is the 20% darker color. If you saturate the color by 10%, you get **50BA97**, and if you desaturate by 10%, it is **76BAA3**.

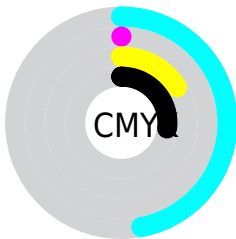
Distribution



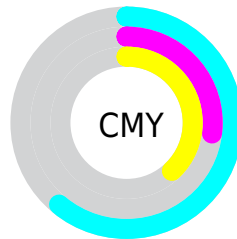
- Red (39%)
- Green (73%)
- Blue (62%)



- Red (39%)
- Yellow (59%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BA9D 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 63BA9D by changing the saturation by 10% instead.

 63BA9D

 63BA9D

FFFFFF

 479F83

 9AF3D4

 2A846A

 B7FFF0

 006B52

 D3FFFF

 00523B

 F1FFFF

 003A25

 002510

 000000

 63BA9D

 63BA9D

 50BA97

 76BAA3

 3EBA91

 88BAA9

 2BBA8A

 9BBAB0

 19BA84

 ADBAB6

 06BA7E

 C0BABC

 00BA7C

 D3BAC2

 E5BAC8

 F8BACF

 FFBAD5

Harmonies

Analogous

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



88B681



63BA9D



42BBBD

Triad

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



63BA9D



9DA6E4



DF9A7D

Complementary

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



63BA9D



BA6380

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.



E79398



63BA9D



C69BD3

Square

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



63BA9D



6DB1E6



DF94B7



C9A46E

Rectangle

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



63BA9D



3DB9CF



DF94B7



E39785

Sweetspot

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



63BA9D



D0F2E7



80BA63



667A73



FAFAFA



7A7A7A

Same Dimension

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



63BA9D



6BF2C5



63ABBA



535C59



009C68



001C13

Inverse Universe

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



BA6380



F26B98



BA7263



5C5356



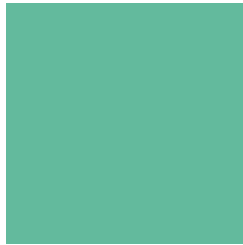
9C0034



1C0009

Previews

White Background



This preview shows how the Hex color 63BA9D 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 63BA9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

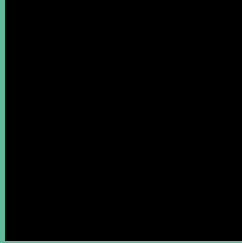
Any Text WCAG AA ✓ Pass

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 63BA9D Background



This preview shows how black text looks on a background with the Hex color 63BA9D.

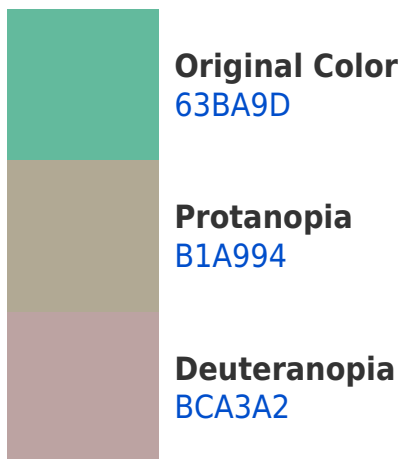


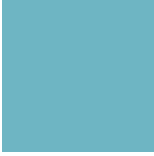
This preview shows how white text looks on a background with the Hex color 63BA9D.

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](#).

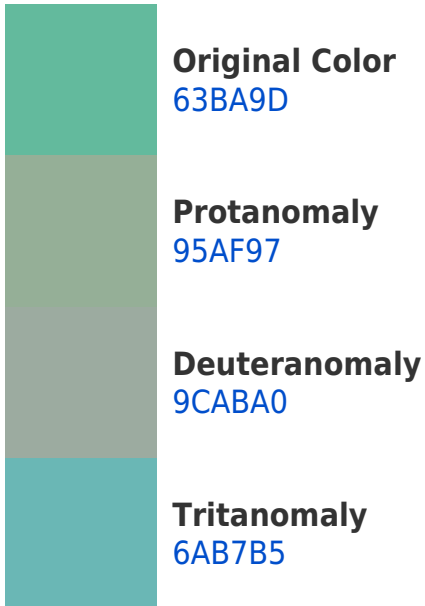
Dichromacy



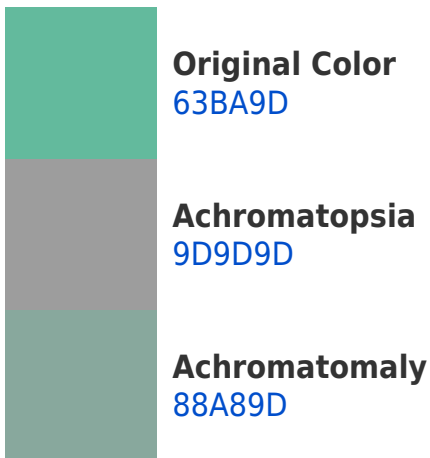


Tritanopia
6EB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BA9D 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 #63BA9D looks like.

```
.text, #text, p{  
    color:#63BA9D  
}
```

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 #63BA9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BA9D
}
```

Border

The CSS property to change the border of an element to Hex 63BA9D 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
#63BA9D }
```

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

```
.border{ border-color:#63BA9D }
```

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

Here you see how a box with a 4 pixel #63BA9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BA9D; -webkit-box-shadow:4px 4px  
4px 4px #63BA9D; box-shadow:4px 4px 4px  
4px #63BA9D }
```

Background

The CSS property to change the background color of an element to Hex 63BA9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BA9D }
```

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

```
.background{ background-color:#63BA9D }
```

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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