

Converting Colors

Hex(63C9A4)

Have a look what the booklet for
Hex(63C9A4) contains.

Hex(63C9A4)	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(63C9A4)

Conversions

Conversions Part 1

Format	Color
Hex	63C9A4
RGB	99, 201, 164
RGB Percent	39%, 79%, 64%
CMY	0.6118, 0.2118, 0.3569
CMYK	0.51, 0.00, 0.18, 0.21
HSL	158°, 49%, 59%
HSV	158°, 51%, 79%
XYZ	32.7331, 47.1063, 42.4892
YIQ	166.2840, -48.9150, -33.1310

Conversions

Conversions Part 2

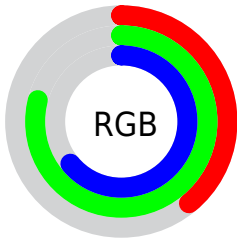
Format	Color
RYB	99, 161, 201
Decimal	6539684
CIELab	74.26, -38.57, 9.47
CIELCh	74, 39.715, 166.212
Yxy	47.1063, 0.2676, 0.3851
Android (android.graphics.Color)	4284729764 (0xFF63C9A4)
YUV	166.2840, -1.1260, -59.0081
Hunter-Lab	68.6340, -34.9789, 11.3392

Details

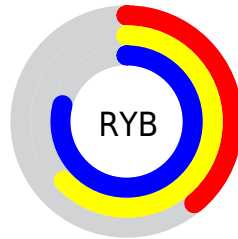
The Hex color **63C9A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C96388**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9CFFDB**, and **259270** is the 20% darker color. If you saturate the color by 10%, you get **4FC99D**, and if you desaturate by 10%, it is **77C9AB**.

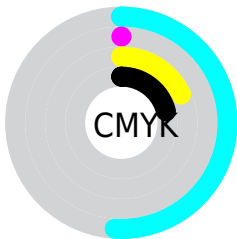
Distribution



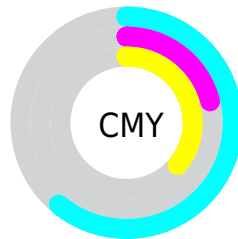
- Red (39%)
- Green (79%)
- Blue (64%)



- Red (39%)
- Yellow (63%)
- Blue (79%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (61%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C9A4 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 63C9A4 by changing the saturation by 10% instead.



63C9A4



63C9A4

FFFFFF



46AD8A



9CFFDB



259270



B9FFF7



007858



D6FFFF



005F40



F3FFFF



00462A



002F16



001700



000000



63C9A4



63C9A4

 4FC99D

 77C9AB

 3BC995

 8BC9B3

 27C98E

 9FC9BA

 13C987

 B3C9C1

 00C980

 C8C9C8

 DCC9D0

 F0C9D7

 FFC9DE

 FFC9E6

Harmonies

Analogous

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



92C483



63C9A4



2DCACA

Triad

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



63C9A4



A2B3FC



F6A283

Complementary

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



63C9A4



C96388

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.



FE9BA4



63C9A4



D4A6E9

Square

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



63C9A4



64BFFD



F39CC9



DDAF70

Rectangle

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



63C9A4



15C9E1



F39CC9



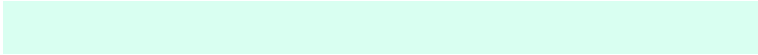
FA9F8D

Sweetspot

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



63C9A4



D9FFF1



88C963



698077



000000



808080

Same Dimension

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



63C9A4



63FFC7



63BBC9



5A6360



00A368



002417

Inverse Universe

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



C96388



FF639C



C97163



635A5D



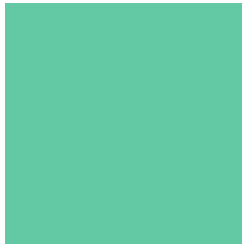
A3003B



24000D

Previews

White Background



This preview shows how the Hex color 63C9A4 looks on a white background.

Color Contrast Check

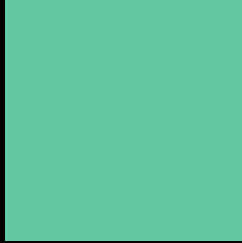
Large Text (above 18pt) WCAG AA × Fail

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 63C9A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

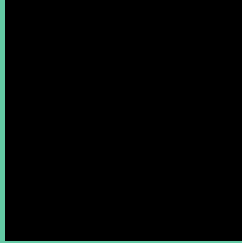
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

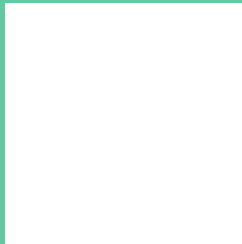
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 63C9A4 Background



This preview shows how black text looks on a background with the Hex color 63C9A4.

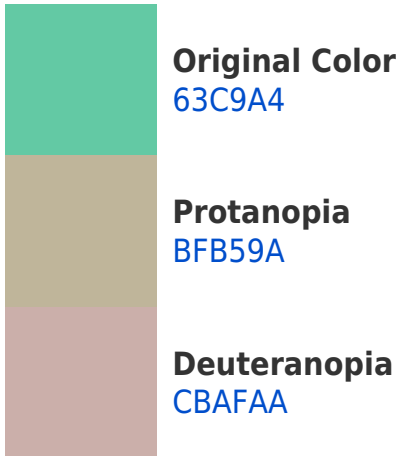


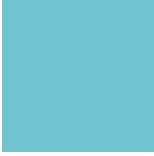
This preview shows how white text looks on a background with the Hex color 63C9A4.

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](#).

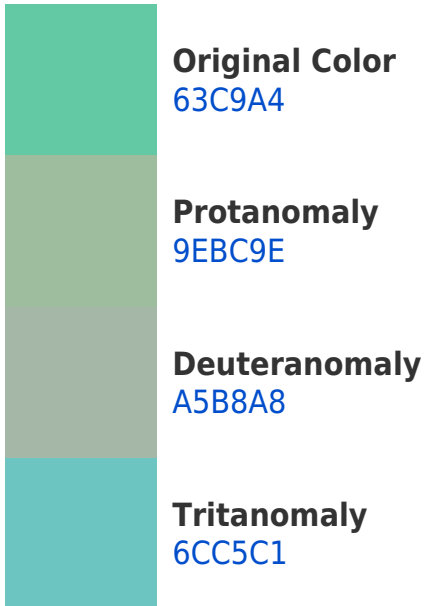
Dichromacy



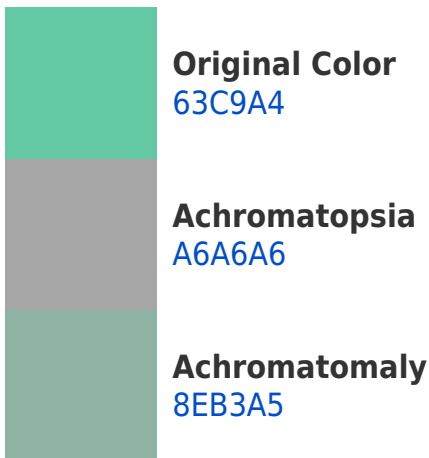


Tritanopia
71C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63C9A4 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 #63C9A4 looks like.

```
.text, #text, p{  
    color:#63C9A4  
}
```

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 #63C9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C9A4
}
```

Border

The CSS property to change the border of an element to Hex 63C9A4 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
#63C9A4 }
```

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

```
.border{ border-color:#63C9A4 }
```

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

Here you see how a box with a 4 pixel #63C9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C9A4; -webkit-box-shadow:4px 4px  
4px 4px #63C9A4; box-shadow:4px 4px 4px  
4px #63C9A4 }
```

Background

The CSS property to change the background color of an element to Hex 63C9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C9A4 }
```

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

```
.background{ background-color:#63C9A4 }
```

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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