

# Converting Colors

Hex(69C89A)

Have a look what the booklet for  
Hex(69C89A) contains.

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**Color**

**Hex(69C89A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C89A
RGB	105, 200, 154
RGB Percent	41%, 78%, 60%
CMY	0.5882, 0.2157, 0.3961
CMYK	0.48, 0.00, 0.23, 0.22
HSL	151°, 46%, 60%
HSV	151°, 48%, 78%
XYZ	32.3127, 46.6449, 37.8722
YIQ	166.3510, -41.8540, -34.4460

# Conversions

## Conversions Part 2

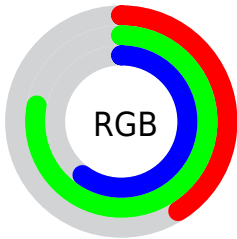
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 168, 200
Decimal	6932634
CIELab	73.96, -38.80, 14.45
CIELCh	74, 41.407, 159.570
Yxy	46.6449, 0.2766, 0.3993
Android (android.graphics.Color)	4285122714 (0xFF69C89A)
YUV	166.3510, -6.0890, -53.8048
Hunter-Lab	68.2971, -35.0680, 14.9304

# Details

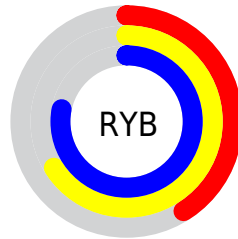
The Hex color **69C89A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C86997**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A1FFD0**, and **2F9167** is the 20% darker color. If you saturate the color by 10%, you get **55C890**, and if you desaturate by 10%, it is **7DC8A4**.

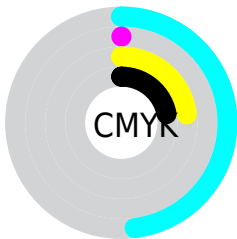
# Distribution



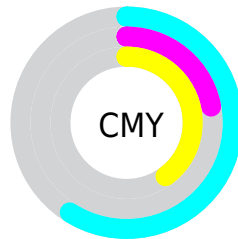
- Red (41%)
- Green (78%)
- Blue (60%)



- Red (41%)
- Yellow (66%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C89A 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 69C89A by changing the saturation by 10% instead.



 69C89A

 69C89A

FFFFFF

 4DAC80

 A1FFD0

 2F9167

 BEFFED

 04774F

 DBFFFF

 005E38

 F8FFFF

 004522

 002E0D

 001600

 000000


 69C89A

 69C89A

 55C890

 7DC8A4

 41C887

 91C8AD

 2DC87D

 A5C8B7

 19C873

 B9C8C1

 05C86A

 CDC8CA

 00C867

 E1C8D4

 F5C8DE

 FFC8E7

 FFC8F1

# Harmonies

## Analogous

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



99C27A



69C89A



2ACAC1

# Triad

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



69C89A



92B5FF



FA9E87

# Complementary

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



69C89A



C86997

# 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.



FF98AB



69C89A



CAA7F1

# Square

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



69C89A



4BC1FC



EF9CD1



E4AA6F

# Rectangle

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



69C89A



00C9DA



EF9CD1



FE9B92

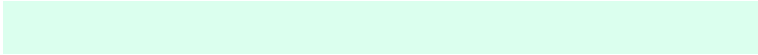


# Sweetspot

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



69C89A



DBFFEE



99C869



6A8075



000000



808080



# Same Dimension

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



69C89A



6EFFB9



69C8C8



5A635F



00A354



002412



# Inverse Universe

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



C86997



FF6EB4



C86969



635A5E



A3004F



240011



# Previews

## White Background



This preview shows how the Hex color 69C89A 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 69C89A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

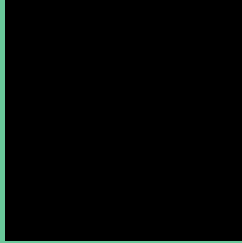
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69C89A Background



This preview shows how black text looks on a background with the Hex color 69C89A.

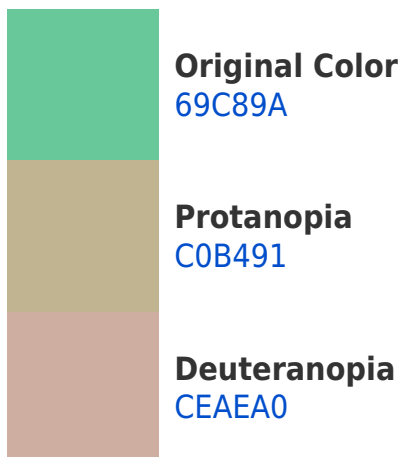


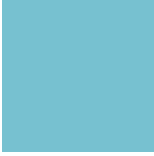
This preview shows how white text looks on a background with the Hex color 69C89A.

# 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](#).

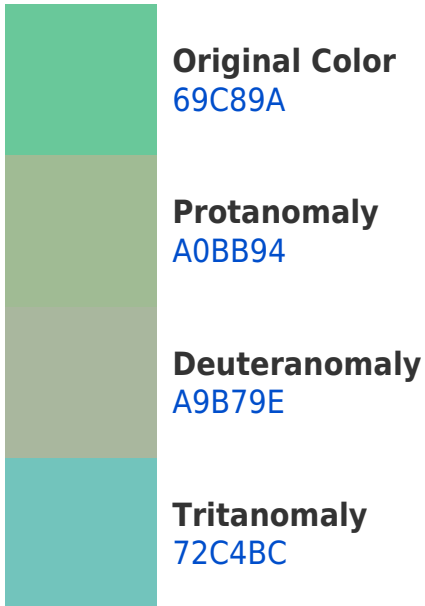
## Dichromacy



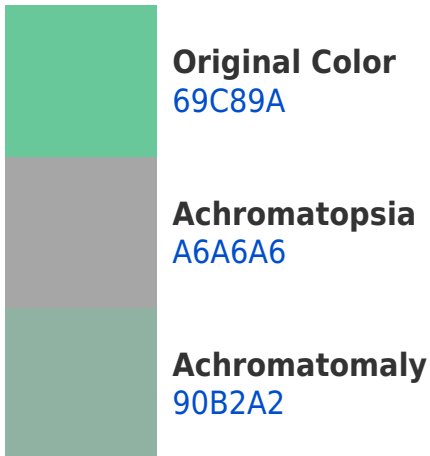


**Tritanopia**  
77C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C89A 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 #69C89A looks like.

```
.text, #text, p{  
    color:#69C89A  
}
```

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 #69C89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C89A
}
```

## Border

The CSS property to change the border of an element to Hex 69C89A 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
#69C89A }
```

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

```
.border{ border-color:#69C89A }
```

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

Here you see how a box with a 4 pixel #69C89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C89A; -webkit-box-shadow:4px 4px  
4px 4px #69C89A; box-shadow:4px 4px 4px  
4px #69C89A }
```

# Background

The CSS property to change the background color of an element to Hex 69C89A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C89A }
```

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

```
.background{ background-color:#69C89A }
```

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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