

# Converting Colors

Hex(49BFA4)

Have a look what the booklet for  
Hex(49BFA4) contains.

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**Color**

**Hex(49BFA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49BFA4
RGB	73, 191, 164
RGB Percent	29%, 75%, 64%
CMY	0.7137, 0.2510, 0.3569
CMYK	0.62, 0.00, 0.14, 0.25
HSL	166°, 48%, 52%
HSV	166°, 62%, 75%
XYZ	28.0793, 41.3584, 41.6250
YIQ	152.6400, -61.6610, -33.4130

# Conversions

## Conversions Part 2

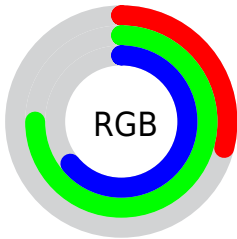
Format	Color
<a href="#">RYB</a>	<a href="#">73, 140, 191</a>
Decimal	<a href="#">4833188</a>
CIELab	<a href="#">70.43, -39.52, 3.86</a>
CIELCh	<a href="#">70, 39.709, 174.426</a>
Yxy	<a href="#">41.3584, 0.2528, 0.3724</a>
Android (android.graphics.Color)	<a href="#">4283023268 (0xFF49BFA4)</a>
YUV	<a href="#">152.6400, 5.6005, -69.8443</a>
Hunter-Lab	<a href="#">64.3105, -34.6066, 6.6419</a>

# Details

The Hex color **49BFA4** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF4964**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **85F8DB**, and **008970** is the 20% darker color. If you saturate the color by 10%, you get **36BFA0**, and if you desaturate by 10%, it is **5CBFA8**.

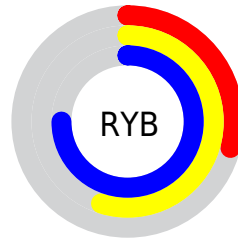
# Distribution



Red (29%)

Green (75%)

Blue (64%)



Red (29%)

Yellow (55%)

Blue (75%)

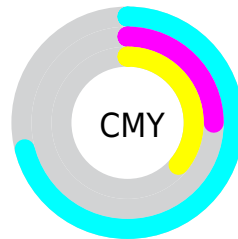


Cyan (62%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (71%)

Magenta (25%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49BFA4 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 49BFA4 by changing the saturation by 10% instead.





49BFA4



49BFA4

FFFFFF



25A48A



85F8DB



008970



A2FFF7



006F58



C0FFFF



005641



DDFFFF



003D2B



FBFFFF



002816



000300



000000



49BFA4



49BFA4

■ 36BFA0

■ 5CBFA8

■ 23BF9B

■ 6FBFAD

■ 10BF97

■ 82BFB1

■ 00BF93

■ 95BFB5

■ A9BFBA

■ BCBFBE

■ CFBFC3

■ E2BFC7

■ F5BFCB

# Harmonies

## Analogous

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



7BBB81



49BFA4



00BFC9

# Triad

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



49BFA4



A6A5EE



E59B73

# Complementary

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



49BFA4



BF4964

# 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.



F29290



49BFA4



D398D7

# Square

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



49BFA4



6AB2F4



ED90B4



CAA864

# Rectangle

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



49BFA4



00BDDE



ED90B4



EB977B

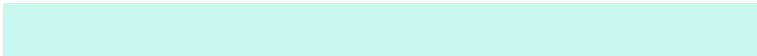


# Sweetspot

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



49BFA4



C8F7ED



65BF49



607D76



FCFCFC



7D7D7D



# Same Dimension

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



49BFA4



40F7CD



49A0BF



555E5C



009E7A



001F18



# Inverse Universe

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



BF4964



F7406A



BF6849



5E5557



9E0024



1F0007



# Previews

## White Background



This preview shows how the Hex color 49BFA4 looks on a white background.

## Color Contrast Check

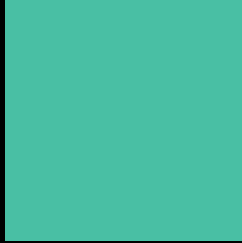
Large Text (above 18pt) WCAG AA × Fail

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 49BFA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

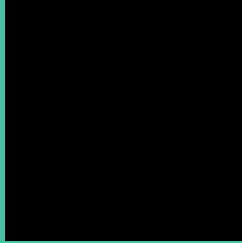
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

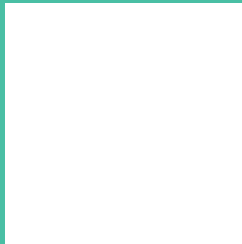
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49BFA4 Background



This preview shows how black text looks on a background with the Hex color 49BFA4.

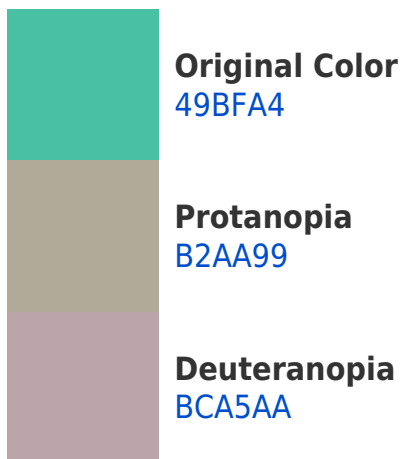


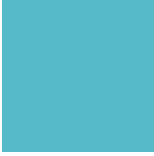
This preview shows how white text looks on a background with the Hex color 49BFA4.

# 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](#).

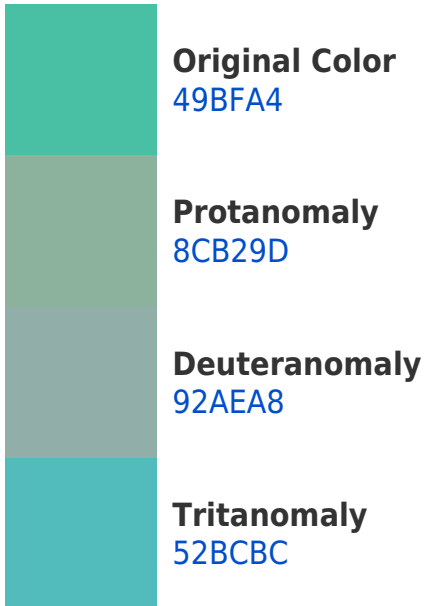
## Dichromacy



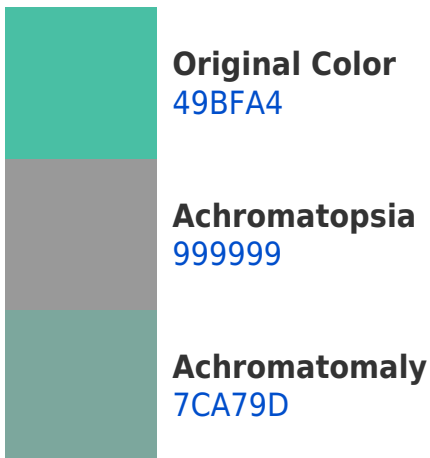


**Tritanopia**  
57BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49BFA4 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 #49BFA4 looks like.

```
.text, #text, p{  
    color:#49BFA4  
}
```

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 #49BFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49BFA4
}
```

## Border

The CSS property to change the border of an element to Hex 49BFA4 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
#49BFA4 }
```

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

```
.border{ border-color:#49BFA4 }
```

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

Here you see how a box with a 4 pixel #49BFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49BFA4; -webkit-box-shadow:4px 4px  
4px 4px #49BFA4; box-shadow:4px 4px 4px  
4px #49BFA4 }
```

# Background

The CSS property to change the background color of an element to Hex 49BFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49BFA4 }
```

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

```
.background{ background-color:#49BFA4 }
```

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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