

# Converting Colors

Hex(54879A)

Have a look what the booklet for  
Hex(54879A) contains.

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# Color

**Hex(54879A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 54879A                      |
| RGB           | 84, 135, 154                |
| RGB Percent   | 33%, 53%, 60%               |
| CMY           | 0.6706, 0.4706, 0.3961      |
| CMYK          | 0.45, 0.12, 0.00, 0.40      |
| HSL           | 196°, 29%, 47%              |
| HSV           | 196°, 45%, 60%              |
| XYZ           | 18.1529, 21.5459, 33.7739   |
| YIQ           | 121.9170, -36.4950, -4.9030 |

# Conversions

## Conversions Part 2

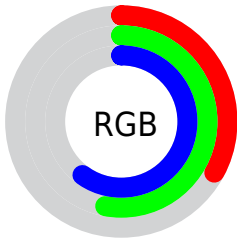
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 84, 114, 154                   |
| Decimal                             | 5539738                        |
| CIE Lab                             | 53.54, -11.81, -15.49          |
| CIE LCh                             | 54, 19.473, 232.676            |
| Yxy                                 | 21.5459, 0.2471,<br>0.2933     |
| Android<br>(android.graphics.Color) | 4283729818<br>(0xFF54879A)     |
| YUV                                 | 121.9170, 15.8169,<br>-33.2532 |
| Hunter-Lab                          | 46.4175, -11.4232,<br>-10.6477 |

# Details

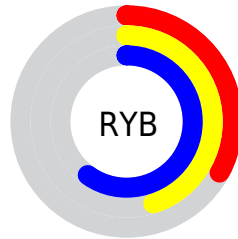
The Hex color **54879A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A6754**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **89BCD0**, and **1E5567** is the 20% darker color. If you saturate the color by 10%, you get **45839A**, and if you desaturate by 10%, it is **638B9A**.

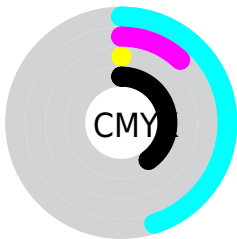
# Distribution



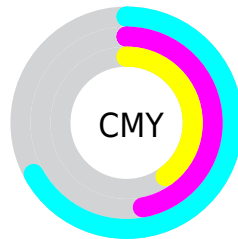
- Red (33%)
- Green (53%)
- Blue (60%)



- Red (33%)
- Yellow (45%)
- Blue (60%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (47%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54879A 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 54879A by changing the saturation by 10% instead.



■ 54879A

■ 54879A

FFFFFF

■ 3A6E80

■ 89BCD0

■ 1E5567

■ A5D8ED

■ 003E4F

■ C1F5FF

■ 002838

■ DDFFFF

■ 001422

■ FAFFFF

■ 00000B

■ 000000

■ 54879A

■ 54879A

■ 45839A

■ 638B9A

■ 357F9A

■ 738F9A

■ 267A9A

■ 82949A

■ 16769A

■ 92989A

■ 07729A

■ A19C9A

■ 00709A

■ B0A09A

■ C0A49A

■ CFA89A

■ DFAD9A

# Harmonies

## Analogous

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



50898C



54879A



6683A1

# Triad

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



54879A



9F7485



7F8361

# Complementary

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



54879A



9A6754

# 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.



907D5F



54879A



A27474

# Square

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



54879A



927894



9D7866



6C876B

# Rectangle

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



54879A



757FA0



9D7866



85815F



# Sweetspot

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



54879A



ADC2C9



549A67



556166



E6E6E6



666666



# Same Dimension

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



54879A



5BABC9



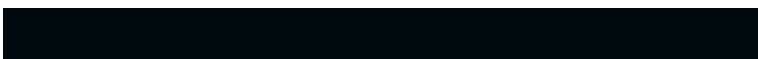
54649A



454A4D



00668C



00090D



# Inverse Universe

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



9A5487



C95BAB



9A8A54



4D454A



8C0066



0D0009



# Previews

## White Background



This preview shows how the Hex color 54879A looks on a white background.

## Color Contrast Check

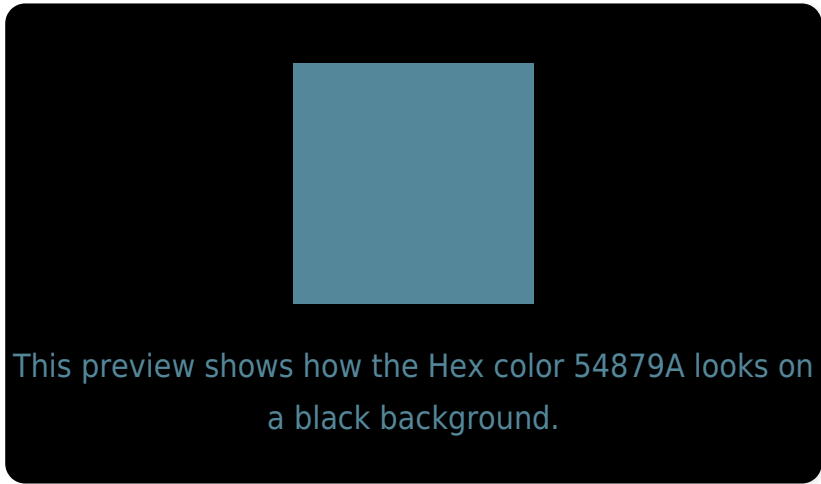
Large Text (above 18pt) WCAG AA ✓ Pass

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

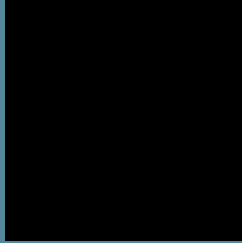
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

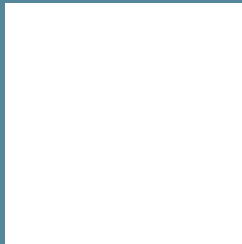
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54879A Background



This preview shows how black text looks on a background with the Hex color 54879A.



This preview shows how white text looks on a background with the Hex color 54879A.

# 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](#).

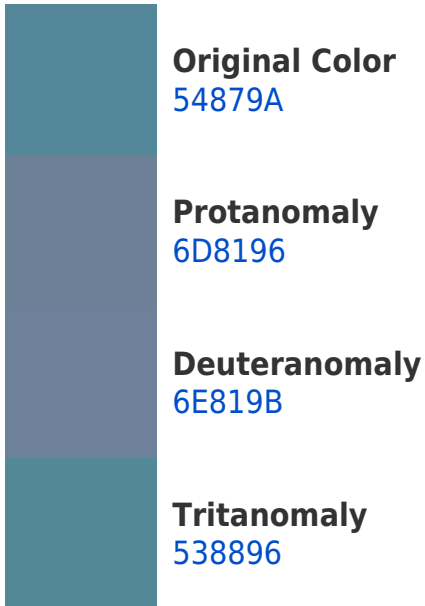
## Dichromacy



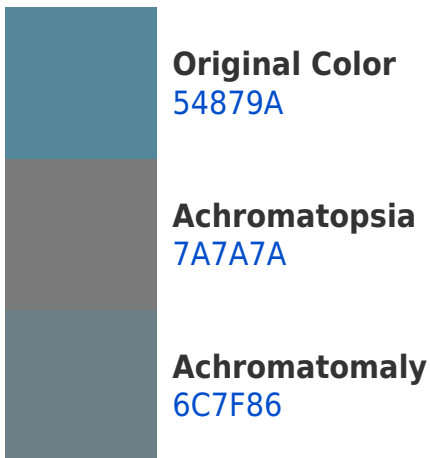


**Tritanopia**  
528893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54879A 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 #54879A looks like.

```
.text, #text, p{  
    color:#54879A  
}
```

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 #54879A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54879A
}
```

## Border

The CSS property to change the border of an element to Hex 54879A 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
#54879A }
```

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

```
.border{ border-color:#54879A }
```

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

Here you see how a box with a 4 pixel #54879A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54879A; -webkit-box-shadow:4px 4px  
4px 4px #54879A; box-shadow:4px 4px 4px  
4px #54879A }
```

# Background

The CSS property to change the background color of an element to Hex 54879A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54879A }
```

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

```
.background{ background-color:#54879A }
```

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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