

# Converting Colors

Hex(55769A)

Have a look what the booklet for  
Hex(55769A) contains.

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# Color

**Hex(55769A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55769A
RGB	85, 118, 154
RGB Percent	33%, 46%, 60%
CMY	0.6667, 0.5373, 0.3961
CMYK	0.45, 0.23, 0.00, 0.40
HSL	211°, 29%, 47%
HSV	211°, 45%, 60%
XYZ	16.0575, 17.2213, 33.0496
YIQ	112.2370, -31.2240, 4.2000

# Conversions

## Conversions Part 2

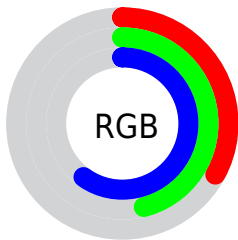
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 107, 154
Decimal	5600922
CIE <sub>Lab</sub>	48.54, -1.77, -23.14
CIE <sub>LCh</sub>	49, 23.206, 265.621
Yxy	17.2213, 0.2421, 0.2596
Android (android.graphics.Color)	4283791002 (0xFF55769A)
YUV	112.2370, 20.5892, -23.8868
Hunter-Lab	41.4985, -3.5534, -18.1698

# Details

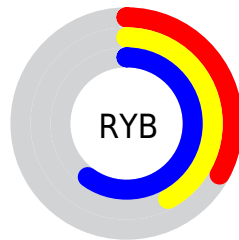
The Hex color **55769A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A7955**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8AAAD1**, and **214667** is the 20% darker color. If you saturate the color by 10%, you get **466E9A**, and if you desaturate by 10%, it is **647E9A**.

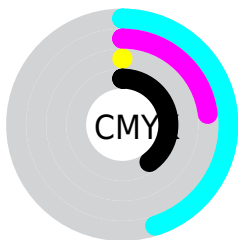
# Distribution



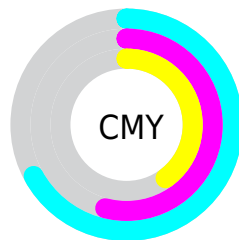
- Red (33%)
- Green (46%)
- Blue (60%)



- Red (33%)
- Yellow (42%)
- Blue (60%)



- Cyan (45%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (54%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55769A 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 55769A by changing the saturation by 10% instead.



■ 55769A

■ 55769A

FFFFFF

■ 3B5D80

■ 8AAAD1

■ 214667

■ A5C5ED

■ 00304F

■ C1E1FF

■ 001B37

■ DDFEFF

■ 000222

■ FAFFFF

■ 000008

■ 000000

■ 55769A

■ 55769A

■ 466E9A

■ 647E9A

■ 36669A

■ 74869A

■ 275E9A

■ 838E9A

■ 17569A

■ 93969A

■ 084E9A

■ A29E9A

■ 004A9A

■ B1A69A

■ C1AE9A

■ D0B69A

■ E0BE9A

# Harmonies

## Analogous

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



3B7B93



55769A



726F97

# Triad

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



55769A



9A6663



597C5D

# Complementary

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



55769A



9A7955

# 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.



6F774F



55769A



936A54

# Square

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



55769A



976577



84714C



427E70

# Rectangle

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



55769A



836B8F



84714C



607A57



# Sweetspot

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



55769A



AFBCC9



559A79



565D66



E6E6E6



666666



# Same Dimension

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



55769A



5D91C9



56559A



45494D



00438C



00060D



# Inverse Universe

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



9A5576



C95D91



999A55



4D4549



8C0043



0D0006



# Previews

## White Background



This preview shows how the Hex color 55769A looks on a white background.

## Color Contrast Check

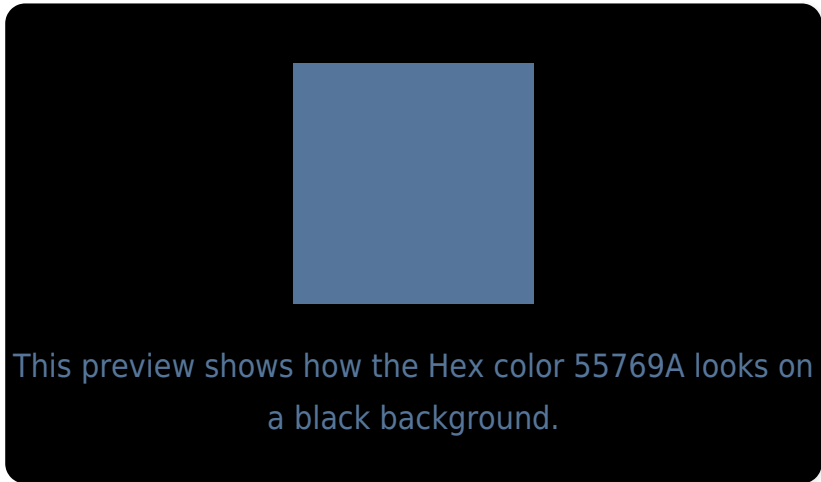
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

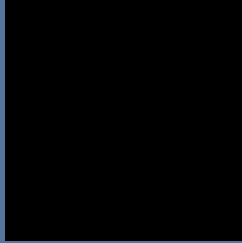
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

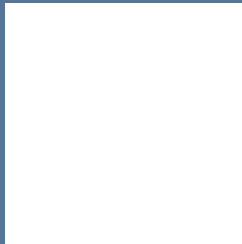
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55769A Background



This preview shows how black text looks on a background with the Hex color 55769A.

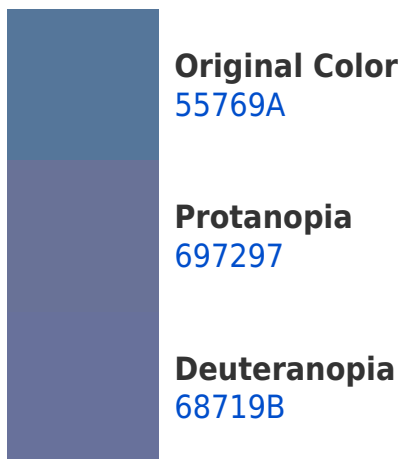


This preview shows how white text looks on a background with the Hex color 55769A.

# 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](#).

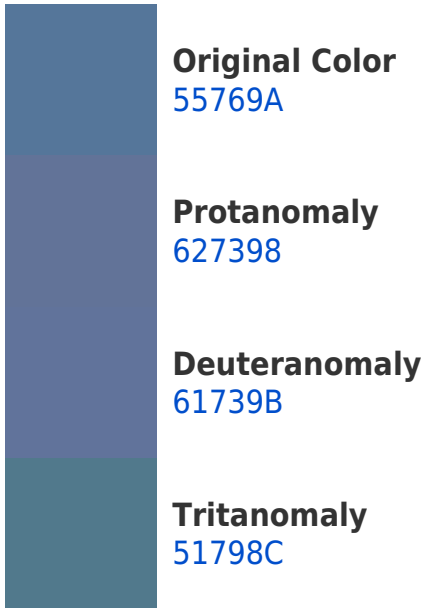
## Dichromacy





**Tritanopia**  
4F7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55769A 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 #55769A looks like.

```
.text, #text, p{  
    color:#55769A  
}
```

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 #55769A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55769A
}
```

## Border

The CSS property to change the border of an element to Hex 55769A 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
#55769A }
```

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

```
.border{ border-color:#55769A }
```

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

Here you see how a box with a 4 pixel #55769A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55769A; -webkit-box-shadow:4px 4px  
4px 4px #55769A; box-shadow:4px 4px 4px  
4px #55769A }
```

# Background

The CSS property to change the background color of an element to Hex 55769A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55769A }
```

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

```
.background{ background-color:#55769A }
```

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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