

# Converting Colors

Hex(5CA294)

Have a look what the booklet for  
Hex(5CA294) contains.

<b>Hex(5CA294)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5CA294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA294
RGB	92, 162, 148
RGB Percent	36%, 64%, 58%
CMY	0.6392, 0.3647, 0.4196
CMYK	0.43, 0.00, 0.09, 0.36
HSL	168°, 28%, 50%
HSV	168°, 43%, 64%
XYZ	22.6793, 30.2541, 32.6613
YIQ	139.4740, -37.2260, -19.1940

# Conversions

## Conversions Part 2

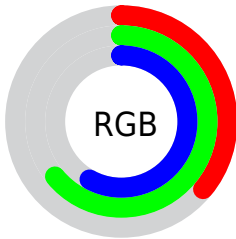
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 131, 162
Decimal	6070932
CIELab	61.87, -25.54, 0.38
CIELCh	62, 25.539, 179.143
Yxy	30.2541, 0.2650, 0.3535
Android (android.graphics.Color)	4284261012 (0xFF5CA294)
YUV	139.4740, 4.2033, -41.6347
Hunter-Lab	55.0037, -22.6570, 3.2961

# Details

The Hex color **5CA294** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A25C6A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **92D9CA**, and **266E61** is the 20% darker color. If you saturate the color by 10%, you get **4CA291**, and if you desaturate by 10%, it is **6CA297**.

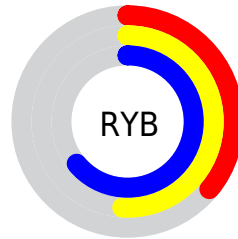
# Distribution



Red (36%)

Green (64%)

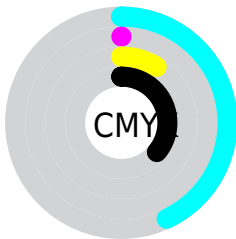
Blue (58%)



Red (36%)

Yellow (51%)

Blue (64%)

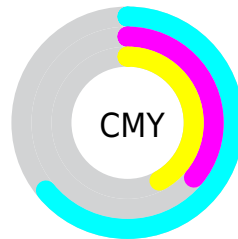


Cyan (43%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA294 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 5CA294 by changing the saturation by 10% instead.





5CA294



5CA294

FFFFFF



41887A



92D9CA



266E61



AEF6E6



00554A



CAFFFF



003E33



E7FFFF



00271E



000D06



000000



5CA294



5CA294



4CA291



6CA297

 3CA28E

 7CA29A

 2BA28A

 8DA29E

 1BA287

 9DA2A1

 0BA284

 ADA2A4

 00A282

 BDA2A7

 CDA2AB

 DEA2AE

 EEA2B1

# Harmonies

## Analogous

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



74A07E



5CA294



4FA1AB

# Triad

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



5CA294



9890BD



B98C6F

# Complementary

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



5CA294



A25C6A

# 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.



C28681



5CA294



B289AD

# Square

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



5CA294



7898C2



C18597



A69468

# Rectangle

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



5CA294



549FB7



C18597



BD8A74



# Sweetspot

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



5CA294



B8D4CE



6AA25C



5A6B68



EBEBEB



6B6B6B



# Same Dimension

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



5CA294



66D4BE



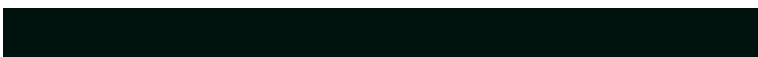
5C8DA2



495250



009174



00120E



# Inverse Universe

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



A25C6A



D4667C



A2715C



52494B



91001D

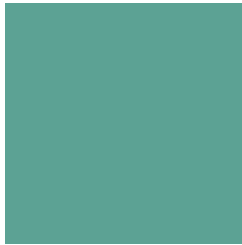


120004



# Previews

## White Background



This preview shows how the Hex color 5CA294 looks on a white background.

## Color Contrast Check

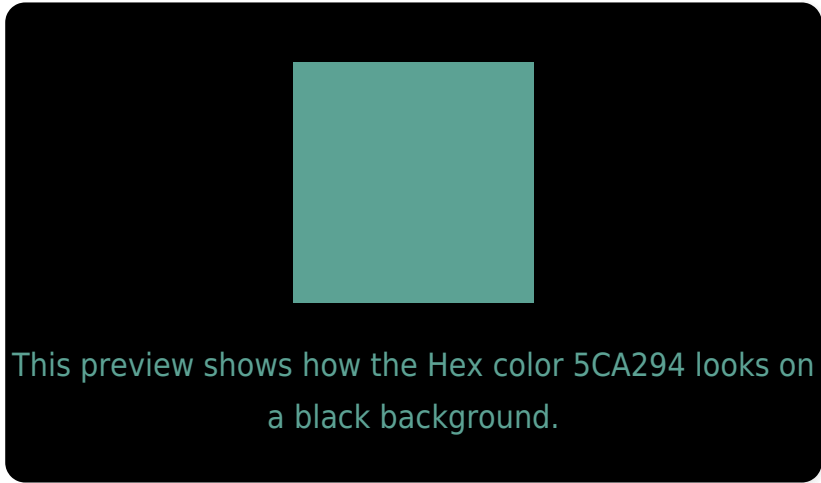
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

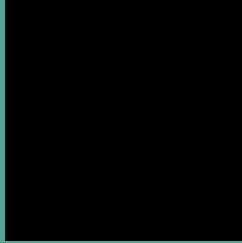
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

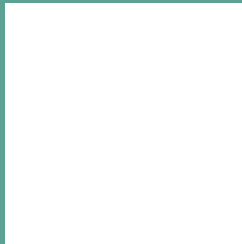
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CA294 Background



This preview shows how black text looks on a background with the Hex color 5CA294.

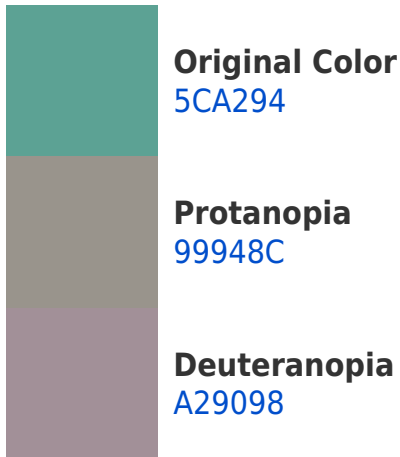


This preview shows how white text looks on a background with the Hex color 5CA294.

# 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





# Trichromacy



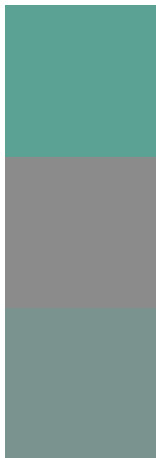
**Original Color**  
5CA294

**Protanomaly**  
83998F

**Deuteranomaly**  
899797

**Tritanomaly**  
60A0A3

# Monochromacy



**Original Color**  
5CA294

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
7A938E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA294 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 #5CA294 looks like.

```
.text, #text, p{  
    color:#5CA294  
}
```

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 #5CA294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA294
}
```

## Border

The CSS property to change the border of an element to Hex 5CA294 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
#5CA294 }
```

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

```
.border{ border-color:#5CA294 }
```

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

Here you see how a box with a 4 pixel #5CA294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA294; -webkit-box-shadow:4px 4px  
4px 4px #5CA294; box-shadow:4px 4px 4px  
4px #5CA294 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA294 }
```

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

```
.background{ background-color:#5CA294 }
```

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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