

# Converting Colors

Hex(5BA499)

Have a look what the booklet for  
Hex(5BA499) contains.

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**Color**

**Hex(5BA499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA499
RGB	91, 164, 153
RGB Percent	36%, 64%, 60%
CMY	0.6431, 0.3569, 0.4000
CMYK	0.45, 0.00, 0.07, 0.36
HSL	171°, 29%, 50%
HSV	171°, 45%, 64%
XYZ	23.3396, 31.0750, 34.9049
YIQ	140.9190, -39.9770, -18.8970

# Conversions

## Conversions Part 2

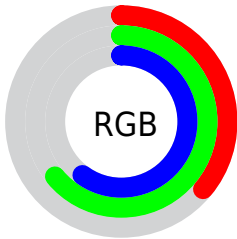
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 130, 164
Decimal	6005913
CIE <sub>Lab</sub>	62.57, -25.56, -1.41
CIE <sub>LCh</sub>	63, 25.603, 183.163
Yxy	31.0750, 0.2613, 0.3479
Android (android.graphics.Color)	4284195993 (0xFF5BA499)
YUV	140.9190, 5.9559, -43.7790
Hunter-Lab	55.7449, -22.8182, 1.8968

# Details

The Hex color **5BA499** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A45B66**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **91DBC9**, and **237066** is the 20% darker color. If you saturate the color by 10%, you get **4BA497**, and if you desaturate by 10%, it is **6BA49B**.

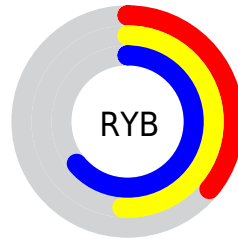
# Distribution



Red (36%)

Green (64%)

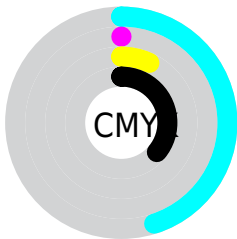
Blue (60%)



Red (36%)

Yellow (51%)

Blue (64%)

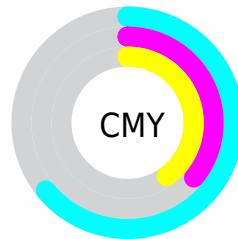


Cyan (45%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA499 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 5BA499 by changing the saturation by 10% instead.





5BA499



5BA499

FFFFFF



40897F



91DBC F



237066



ADF8EB



00574E



C9FFFF



003F37



E6FFFF



002922



00110C



000000



5BA499



5BA499



4BA497



6BA49B

 3AA494

 7CA49E

 2AA492

 8CA4A0

 19A48F

 9DA4A3

 09A48D

 ADA4A5

 00A48B

 BDA4A8

 CEA4AA

 DEA4AD

 EFA4AF

# Harmonies

## Analogous

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



72A282



5BA499



51A3AF

# Triad

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



5BA499



9E91BD



B98F6F

# Complementary

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



5BA499



A45B66

# 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.



C48980



5BA499



B78AAC

# Square

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



5BA499



7E99C4



C48796



A5976A

# Rectangle

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



5BA499



58A1BB



C48796



BE8D74



# Sweetspot

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



5BA499



BAD6D2



67A45B



5A6B69



EBEBEB



6B6B6B



# Same Dimension

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



5BA499



65D6C5



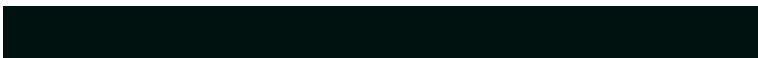
5B8CA4



495250



00917B



00120F



# Inverse Universe

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



A45B66



D66576



A4735B



52494B



910016

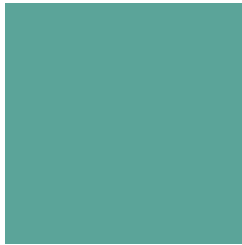


120003



# Previews

## White Background



This preview shows how the Hex color 5BA499 looks on a white background.

## Color Contrast Check

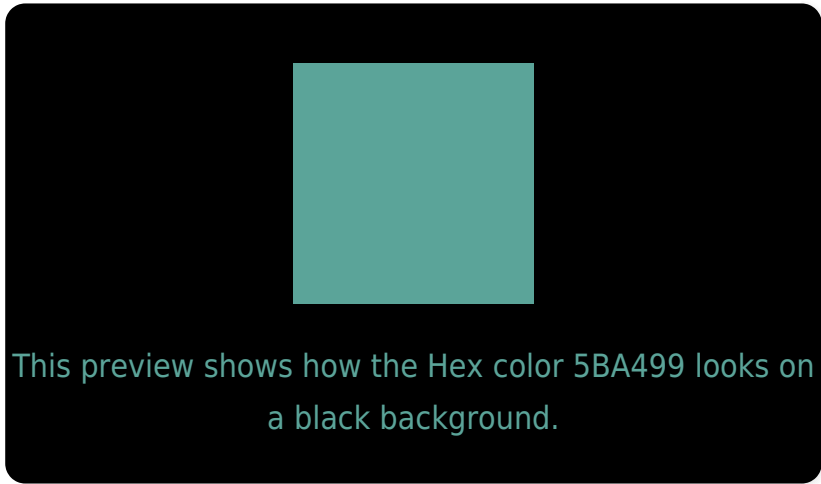
Large Text (above 18pt) WCAG AA × Fail

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

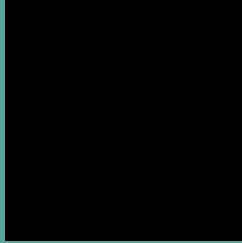
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BA499 Background



This preview shows how black text looks on a background with the Hex color 5BA499.

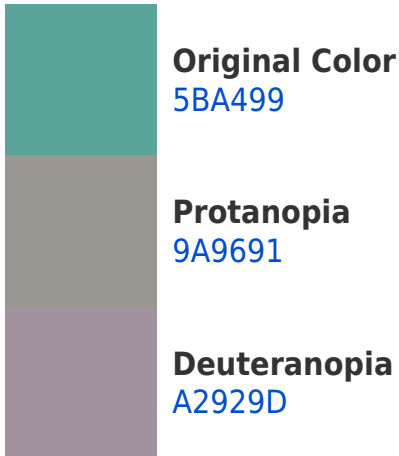


This preview shows how white text looks on a background with the Hex color 5BA499.

# 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



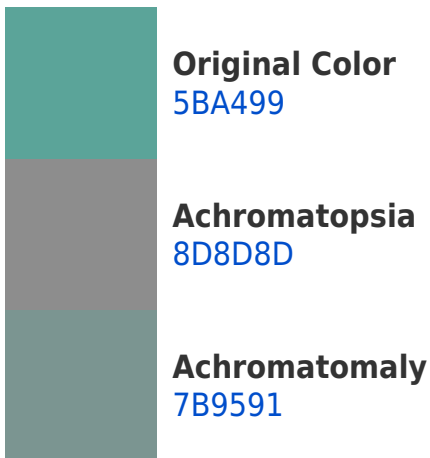


**Tritanopia**  
61A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA499 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 #5BA499 looks like.

```
.text, #text, p{  
    color:#5BA499  
}
```

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 #5BA499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA499
}
```

## Border

The CSS property to change the border of an element to Hex 5BA499 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
#5BA499 }
```

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

```
.border{ border-color:#5BA499 }
```

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

Here you see how a box with a 4 pixel #5BA499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA499; -webkit-box-shadow:4px 4px  
4px 4px #5BA499; box-shadow:4px 4px 4px  
4px #5BA499 }
```

# Background

The CSS property to change the background color of an element to Hex 5BA499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA499 }
```

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

```
.background{ background-color:#5BA499 }
```

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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