

Converting Colors

Hex(5BA293)

Have a look what the booklet for
Hex(5BA293) contains.

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Color

Hex(5BA293)

Conversions

Conversions Part 1

Format	Color
Hex	5BA293
RGB	91, 162, 147
RGB Percent	36%, 64%, 58%
CMY	0.6431, 0.3647, 0.4235
CMYK	0.44, 0.00, 0.09, 0.36
HSL	167°, 28%, 50%
HSV	167°, 44%, 64%
XYZ	22.5012, 30.1714, 32.2415
YIQ	139.0610, -37.5010, -19.7170

Conversions

Conversions Part 2

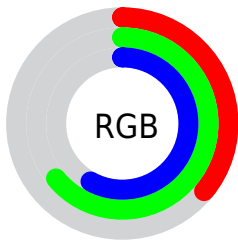
Format	Color
RYB	91, 131, 162
Decimal	6005395
CIELab	61.80, -26.04, 0.84
CIElCh	62, 26.057, 178.163
Yxy	30.1714, 0.2650, 0.3553
Android (android.graphics.Color)	4284195475 (0xFF5BA293)
YUV	139.0610, 3.9139, -42.1495
Hunter-Lab	54.9285, -23.0033, 3.6484

Details

The Hex color **5BA293** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A25B6A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **91D9C9**, and **246E61** is the 20% darker color. If you saturate the color by 10%, you get **4BA290**, and if you desaturate by 10%, it is **6BA296**.

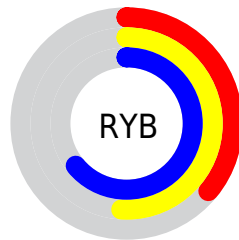
Distribution



Red (36%)

Green (64%)

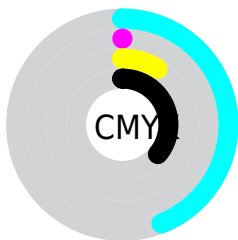
Blue (58%)



Red (36%)

Yellow (51%)

Blue (64%)

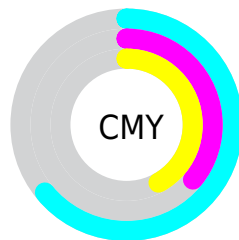


Cyan (44%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BA293 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 5BA293 by changing the saturation by 10% instead.



5BA293



5BA293

FFFFFF



408879



91D9C9



246E61



ADF6E5



005549



C9FFFF



003E32



E6FFFF



00271D



000C04



000000



5BA293



5BA293



4BA290



6BA296

 3BA28C

 7BA29A

 2AA289

 8CA29D

 1AA285

 9CA2A1

 0AA282

 ACA2A4

 00A280

 BCA2A8

 CCA2AB

 DDA2AE

 EDA2B2

Harmonies

Analogous

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



74A07C



5BA293



4DA2AA

Triad

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



5BA293



9790BE



BA8C6F

Complementary

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



5BA293



A25B6A

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.



C38681



5BA293



B288AE

Square

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



5BA293



7698C3



C18498



A79367

Rectangle

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



5BA293



51A0B7



C18498



BE8974

Sweetspot

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



5BA293



B8D4CE



6AA25B



5A6B67



EBEBEB



6B6B6B

Same Dimension

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



5BA293



63D4BC



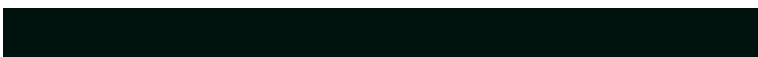
5B8EA2



495250



009173



00120E

Inverse Universe

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



A25B6A



D4637B



A26F5B



52494B



91001F



120004

Previews

White Background



This preview shows how the Hex color 5BA293 looks on a white background.

Color Contrast Check

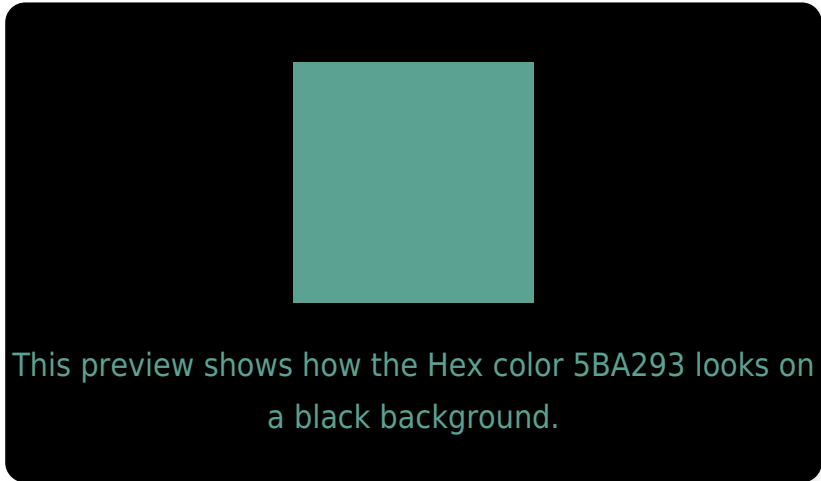
Large Text (above 18pt) WCAG AA × Fail

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

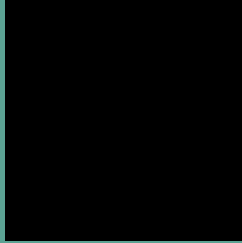
Any Text WCAG AA ✓ Pass

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 5BA293 Background



This preview shows how black text looks on a background with the Hex color 5BA293.

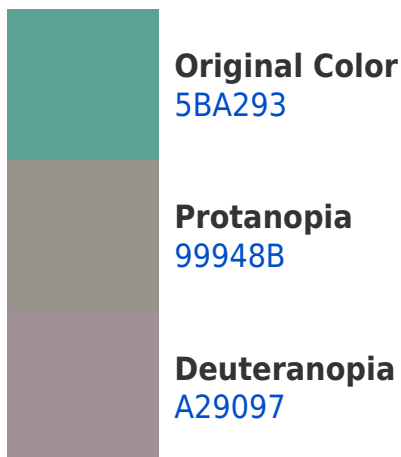


This preview shows how white text looks on a background with the Hex color 5BA293.

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



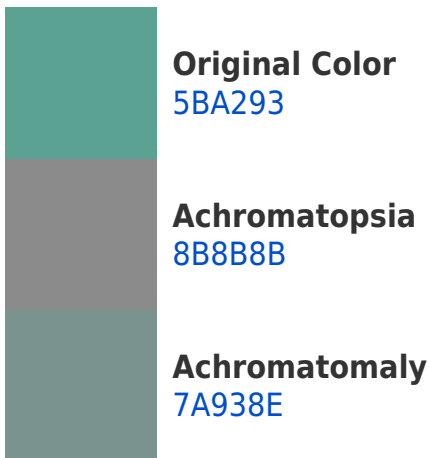


Tritanopia
629EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BA293 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 #5BA293 looks like.

```
.text, #text, p{  
    color:#5BA293  
}
```

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 #5BA293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA293
}
```

Border

The CSS property to change the border of an element to Hex 5BA293 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
#5BA293 }
```

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

```
.border{ border-color:#5BA293 }
```

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

Here you see how a box with a 4 pixel #5BA293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA293; -webkit-box-shadow:4px 4px  
4px 4px #5BA293; box-shadow:4px 4px 4px  
4px #5BA293 }
```

Background

The CSS property to change the background color of an element to Hex 5BA293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA293 }
```

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

```
.background{ background-color:#5BA293 }
```

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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