

Converting Colors

Hex(4BA299)

Have a look what the booklet for
Hex(4BA299) contains.

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Color

Hex(4BA299)

Conversions

Conversions Part 1

Format	Color
Hex	4BA299
RGB	75, 162, 153
RGB Percent	29%, 64%, 60%
CMY	0.7059, 0.3647, 0.4000
CMYK	0.54, 0.00, 0.06, 0.36
HSL	174°, 37%, 46%
HSV	174°, 54%, 64%
XYZ	21.5718, 29.6364, 34.7204
YIQ	134.9610, -48.9630, -21.2430

Conversions

Conversions Part 2

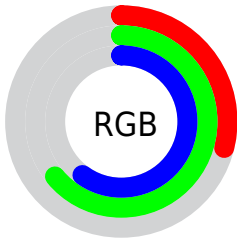
Format	Color
RYB	75, 121, 162
Decimal	4956825
CIELab	61.34, -28.37, -3.29
CIElCh	61, 28.559, 186.624
Yxy	29.6364, 0.2510, 0.3449
Android (android.graphics.Color)	4283146905 (0xFF4BA299)
YUV	134.9610, 8.8932, -52.5858
Hunter-Lab	54.4393, -24.5377, 0.2934

Details

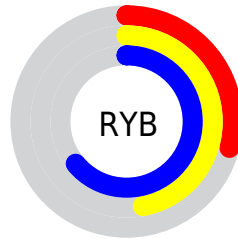
The Hex color **4BA299** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A24B54**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **83D9CF**, and **006E66** is the 20% darker color. If you saturate the color by 10%, you get **3BA297**, and if you desaturate by 10%, it is **5BA29B**.

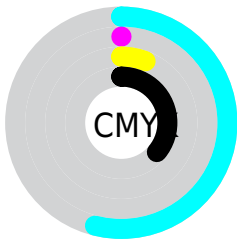
Distribution



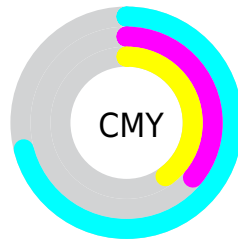
- Red (29%)
- Green (64%)
- Blue (60%)



- Red (29%)
- Yellow (47%)
- Blue (64%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA299 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 4BA299 by changing the saturation by 10% instead.



4BA299



4BA299

FFFFFF



2D887F



83D9CF



006E66



9FF6EB



00554E



BCFFFF



003D37



D9FFFF



002722



F6FFFF



000A0C



000000



4BA299



4BA299



3BA297



5BA29B

■ 2BA296

■ 6BA29C

■ 1AA294

■ 7CA29E

■ 0AA292

■ 8CA2A0

■ 00A291

■ 9CA2A1

■ ACA2A3

■ BCA2A5

■ CDA2A6

■ DDA2A8

Harmonies

Analogous

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



67A07F



4BA299



40A1B1

Triad

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



4BA299



9F8CBD



B68C66

Complementary

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



4BA299



A24B54

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.



C48477



4BA299



B984A9

Square

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



4BA299



7B95C6



C5818F



A09462

Rectangle

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



4BA299



4B9EBE



C5818F



BC896B

Sweetspot

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



4BA299



B2D4D0



55A24B



576B69



EBEBEB



6B6B6B

Same Dimension

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



4BA299



4CD4C6



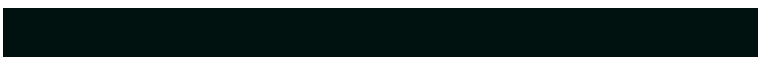
4B81A2



495251



009182



001210

Inverse Universe

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



A24B54



D44C5A



A26C4B



52494A



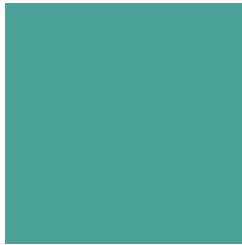
91000F



120002

Previews

White Background



This preview shows how the Hex color 4BA299 looks on a white background.

Color Contrast Check

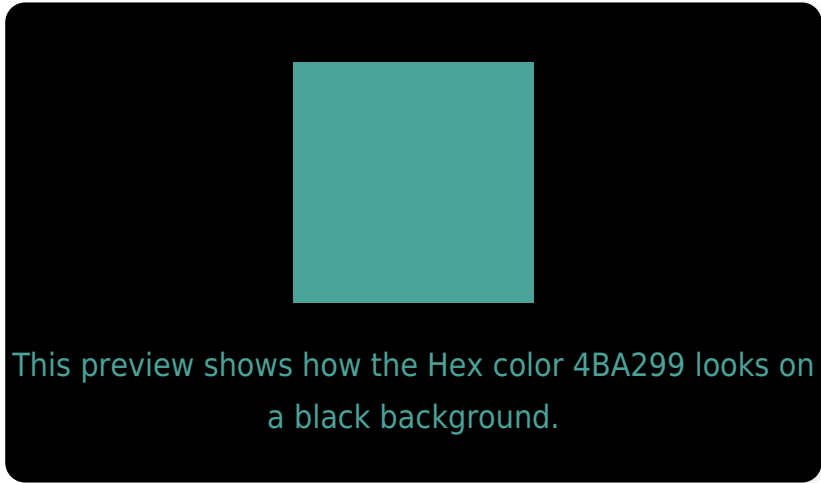
Large Text (above 18pt) WCAG AA ✓ Pass

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

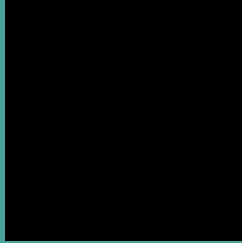
Any Text WCAG AA ✓ Pass

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 4BA299 Background



This preview shows how black text looks on a background with the Hex color 4BA299.

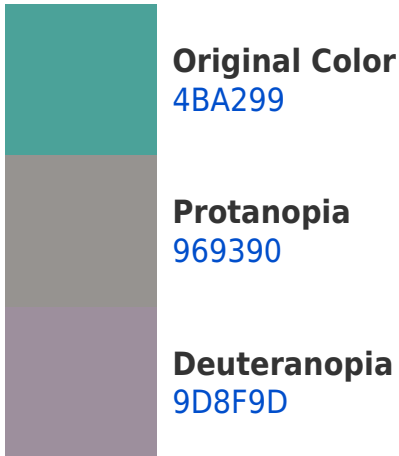


This preview shows how white text looks on a background with the Hex color 4BA299.

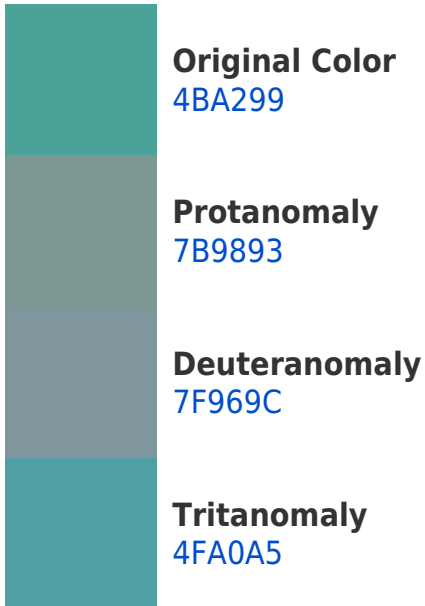
Color Blindness Simulation

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](#).

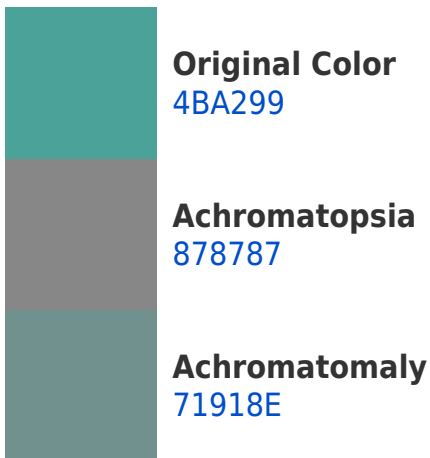
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA299 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 #4BA299 looks like.

```
.text, #text, p{  
    color:#4BA299  
}
```

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 #4BA299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA299
}
```

Border

The CSS property to change the border of an element to Hex 4BA299 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
#4BA299 }
```

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

```
.border{ border-color:#4BA299 }
```

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

Here you see how a box with a 4 pixel #4BA299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA299; -webkit-box-shadow:4px 4px  
4px 4px #4BA299; box-shadow:4px 4px 4px  
4px #4BA299 }
```

Background

The CSS property to change the background color of an element to Hex 4BA299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA299 }
```

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

```
.background{ background-color:#4BA299 }
```

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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