

Converting Colors

Hex(4799B9)

Have a look what the booklet for
Hex(4799B9) contains.

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Color

Hex(4799B9)

Conversions

Conversions Part 1

Format	Color
Hex	4799B9
RGB	71, 153, 185
RGB Percent	28%, 60%, 73%
CMY	0.7216, 0.4000, 0.2745
CMYK	0.62, 0.17, 0.00, 0.27
HSL	197°, 45%, 50%
HSV	197°, 62%, 73%
XYZ	22.7467, 27.6248, 50.0322
YIQ	132.1300, -59.1440, -7.4320

Conversions

Conversions Part 2

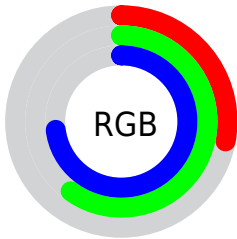
Format	Color
R_{YB}	71, 119, 185
Decimal	4692409
CIE _{Lab}	59.55, -15.21, -24.08
CIE _{LCh}	60, 28.479, 237.720
Yxy	27.6248, 0.2266, 0.2751
Android (android.graphics.Color)	4282882489 (0xFF4799B9)
YUV	132.1300, 26.0649, -53.6110
Hunter-Lab	52.5593, -14.7273, -19.6477

Details

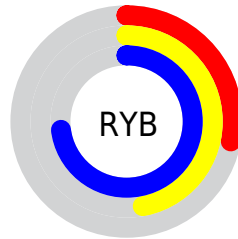
The Hex color **4799B9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B96747**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **82CFF1**, and **006684** is the 20% darker color. If you saturate the color by 10%, you get **3594B9**, and if you desaturate by 10%, it is **5A9EB9**.

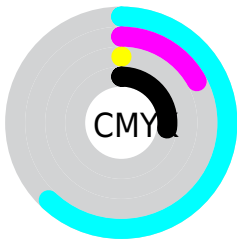
Distribution



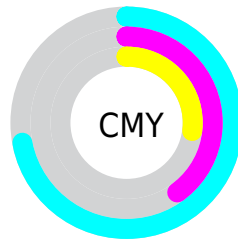
- Red (28%)
- Green (60%)
- Blue (73%)



- Red (28%)
- Yellow (47%)
- Blue (73%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)



- Cyan (72%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4799B9 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 4799B9 by changing the saturation by 10% instead.

■ 4799B9

■ 4799B9

FFFFFF

■ 257F9E

■ 82CFF1

■ 006684

■ 9EECFE

■ 004E6B

■ BBFFFF

■ 003752

■ D9FFFF

■ 00223B

■ F6FFFF

■ 000226

■ 00010E

■ 000000

■ 4799B9

■ 4799B9

■ 3594B9

■ 5A9EB9

■ 228FB9

■ 6CA3B9

■ 1089B9

■ 7FA9B9

■ 0085B9

■ 91AEB9

■ A4B3B9

■ B6B8B9

■ C9BDB9

■ DBC3B9

■ EDC8B9

Harmonies

Analogous

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



3A9DA6



4799B9



6B92C1

Triad

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



4799B9



BE7D92



889562

Complementary

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



4799B9



B96747

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.



A28D5D



4799B9



C17E79

Square

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



4799B9



AD81AA



B68566



6B9A74

Rectangle

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



4799B9



848DBF



B68566



92935F

Sweetspot

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



4799B9



C5E4F0



47B965



5D7078



F7F7F7



787878

Same Dimension

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



4799B9



3EBEFO



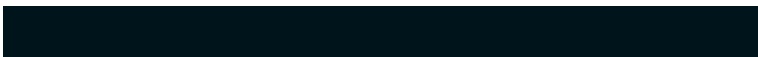
4762B9



53595C



00709C



00141C

Inverse Universe

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



B94799



F03EBE



B99E47



5C5359



9C0070



1C0014

Previews

White Background



This preview shows how the Hex color 4799B9 looks on a white background.

Color Contrast Check

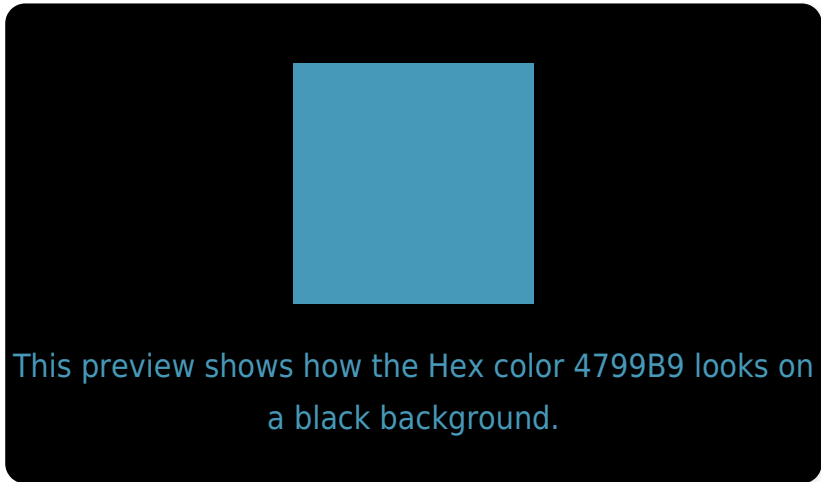
Large Text (above 18pt) WCAG AA ✓ Pass

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

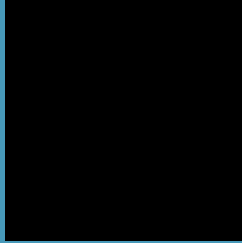
Any Text WCAG AA ✓ Pass

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 4799B9 Background



This preview shows how black text looks on a background with the Hex color 4799B9.



This preview shows how white text looks on a background with the Hex color 4799B9.

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](#).

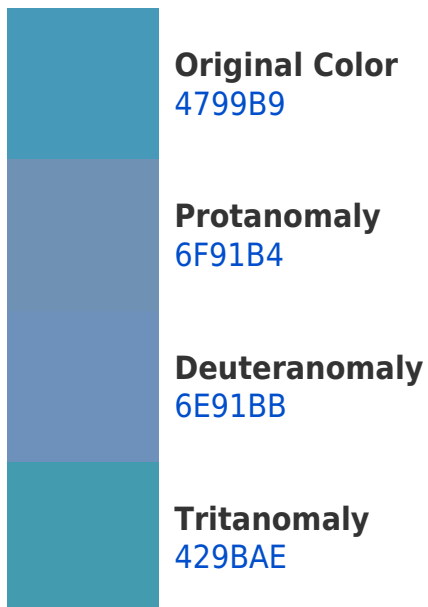
Dichromacy





Tritanopia
3F9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4799B9 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 #4799B9 looks like.

```
.text, #text, p{  
    color:#4799B9  
}
```

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 #4799B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4799B9
}
```

Border

The CSS property to change the border of an element to Hex 4799B9 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
#4799B9 }
```

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

```
.border{ border-color:#4799B9 }
```

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

Here you see how a box with a 4 pixel #4799B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4799B9; -webkit-box-shadow:4px 4px  
4px 4px #4799B9; box-shadow:4px 4px 4px  
4px #4799B9 }
```

Background

The CSS property to change the background color of an element to Hex 4799B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4799B9 }
```

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

```
.background{ background-color:#4799B9 }
```

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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