

Converting Colors

Hex(49719A)

Have a look what the booklet for
Hex(49719A) contains.

Hex(49719A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49719A)

Conversions

Conversions Part 1

Format	Color
Hex	49719A
RGB	73, 113, 154
RGB Percent	29%, 44%, 60%
CMY	0.7137, 0.5569, 0.3961
CMYK	0.53, 0.27, 0.00, 0.40
HSL	210°, 36%, 45%
HSV	210°, 53%, 60%
XYZ	14.4855, 15.5598, 32.8117
YIQ	105.7140, -37.0010, 4.2710

Conversions

Conversions Part 2

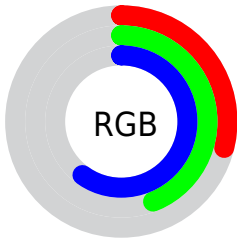
Format	Color
R_{YB}	73, 100, 154
Decimal	4813210
CIE Lab	46.39, -1.85, -26.52
CIE LCh	46, 26.580, 266.002
Yxy	15.5598, 0.2305, 0.2475
Android (android.graphics.Color)	4283003290 (0xFF49719A)
YUV	105.7140, 23.8050, -28.6902
Hunter-Lab	39.4459, -3.4808, -21.7062

Details

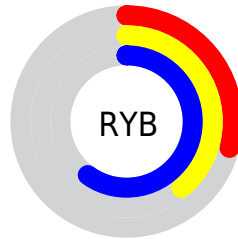
The Hex color **49719A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A7249**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7FA5D1**, and **0C4167** is the 20% darker color. If you saturate the color by 10%, you get **3A699A**, and if you desaturate by 10%, it is **58799A**.

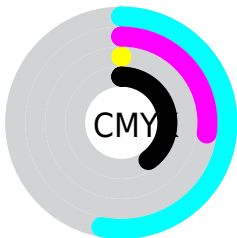
Distribution



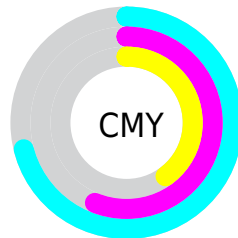
- Red (29%)
- Green (44%)
- Blue (60%)



- Red (29%)
- Yellow (39%)
- Blue (60%)



- Cyan (53%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49719A 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 49719A by changing the saturation by 10% instead.

■ 49719A

■ 49719A

FFFFFF

■ 2E5980

■ 7FA5D1

■ 0C4167

■ 9AC0ED

■ 002C4E

■ B6DBFF

■ 001737

■ D2F8FF

■ 000222

■ EFFFFFF

■ 000007

■ 000000

■ 49719A

■ 49719A

■ 3A699A

■ 58799A

■ 2A619A

■ 68819A

■ 1B5A9A

■ 77889A

■ 0B529A

■ 87909A

■ 004C9A

■ 96989A

■ A5A09A

■ B5A89A

■ C4AF9A

■ D4B79A

Harmonies

Analogous

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



237792



49719A



6C6996

Triad

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



49719A



995E5C



4F7754

Complementary

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



49719A



9A7249

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.



697245



49719A



91644A

Square

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



49719A



975D72



7F6C41



327A6A

Rectangle

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



49719A



7F648D



7F6C41



58764E

Sweetspot

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



49719A



A9B9C9



499A72



535C66



E6E6E6



666666

Same Dimension

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



49719A



4B89C9



49499A



45494D



00458C



00060D

Inverse Universe

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



9A4971



C94B89



9A9A49



4D4549



8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 49719A looks on a white background.

Color Contrast Check

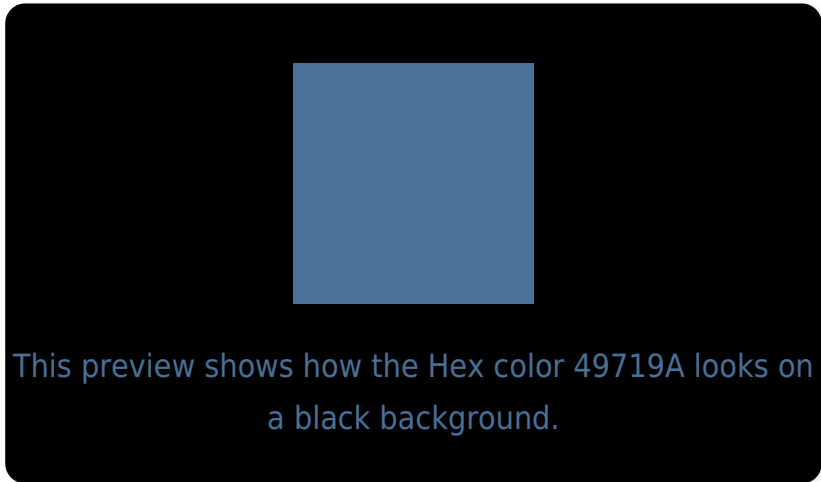
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

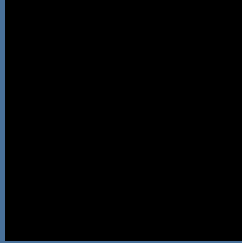
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

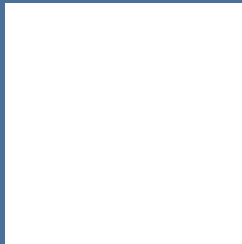
Any Text WCAG AAA × Fail

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

Hex 49719A Background



This preview shows how black text looks on a background with the Hex color 49719A.

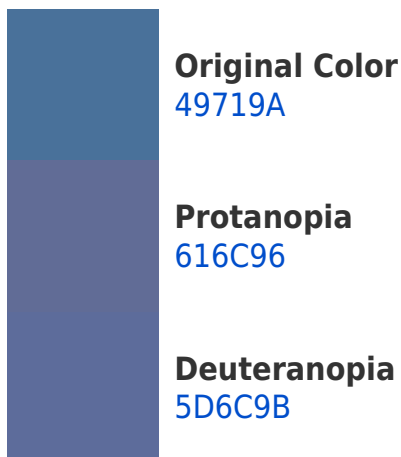



This preview shows how white text looks on a background with the Hex color 49719A.

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](#).

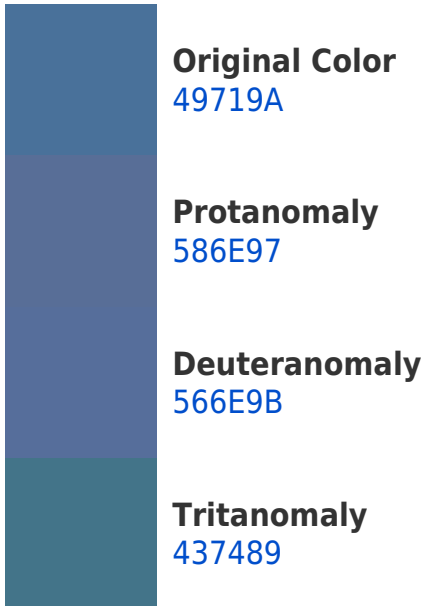
Dichromacy



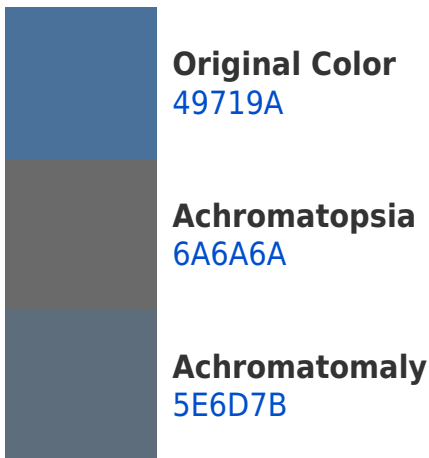


Tritanopia
40767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49719A 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 #49719A looks like.

```
.text, #text, p{  
    color:#49719A  
}
```

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 #49719A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49719A
}
```

Border

The CSS property to change the border of an element to Hex 49719A 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
#49719A }
```

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

```
.border{ border-color:#49719A }
```

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

Here you see how a box with a 4 pixel #49719A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49719A; -webkit-box-shadow:4px 4px  
4px 4px #49719A; box-shadow:4px 4px 4px  
4px #49719A }
```

Background

The CSS property to change the background color of an element to Hex 49719A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49719A }
```

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

```
.background{ background-color:#49719A }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor