

Converting Colors

Hex(499E99)

Have a look what the booklet for
Hex(499E99) contains.

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Color

Hex(499E99)

Conversions

Conversions Part 1

Format	Color
Hex	499E99
RGB	73, 158, 153
RGB Percent	29%, 62%, 60%
CMY	0.7137, 0.3804, 0.4000
CMYK	0.54, 0.00, 0.03, 0.38
HSL	176°, 37%, 45%
HSV	176°, 54%, 62%
XYZ	20.7243, 28.1701, 34.4821
YIQ	132.0150, -49.0550, -19.5750

Conversions

Conversions Part 2

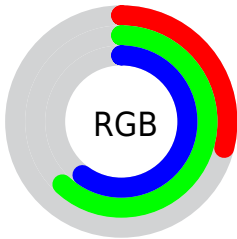
Format	Color
R_{YB}	73, 117, 158
Decimal	4824729
CIE _{Lab}	60.04, -26.83, -5.22
CIE _{LCh}	60, 27.328, 191.007
Yxy	28.1701, 0.2486, 0.3379
Android (android.graphics.Color)	4283014809 (0xFF499E99)
YUV	132.0150, 10.3456, -51.7562
Hunter-Lab	53.0755, -23.1836, -1.3667

Details

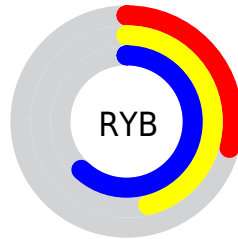
The Hex color **499E99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E494E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **81D5CF**, and **006A66** is the 20% darker color. If you saturate the color by 10%, you get **399E98**, and if you desaturate by 10%, it is **599E9A**.

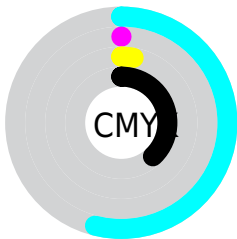
Distribution



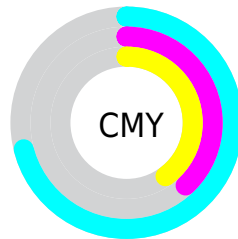
- Red (29%)
- Green (62%)
- Blue (60%)



- Red (29%)
- Yellow (46%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499E99 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 499E99 by changing the saturation by 10% instead.



499E99



499E99

FFFFFF



2B847F



81D5CF



006A66



9DF2EB



00524E



B9FFFF



003A37



D6FFFF



002422



F4FFFF



00010D



000000



499E99



499E99



399E98



599E9A

■ 299E97

■ 699E9B

■ 1A9E96

■ 789E9C

■ 0A9E95

■ 889E9D

■ 009E95

■ 989E9E

■ A89E9F

■ B89EA0

■ C79EA0

■ D79EA1

Harmonies

Analogous

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



629D80



499E99



439CAF

Triad

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



499E99



9F87B5



AF8A64

Complementary

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



499E99



9E494E

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.



BD8272



499E99



B681A1

Square

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



499E99



7E90C0



C07F89



999261

Rectangle

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



499E99



5099BA



C07F89



B58767

Sweetspot

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



499E99



AECFCD



4F9E49



556967



E8E8E8



696969

Same Dimension

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



499E99



48CFC7



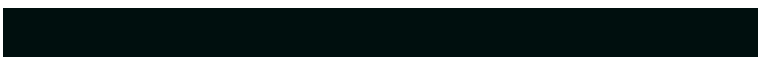
49799E



474F4F



008F86



000F0E

Inverse Universe

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



9E494E



CF4850



9E6E49



4F4748



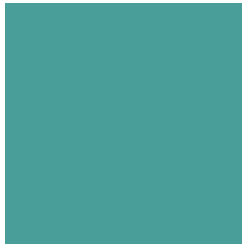
8F0008



0F0001

Previews

White Background



This preview shows how the Hex color 499E99 looks on a white background.

Color Contrast Check

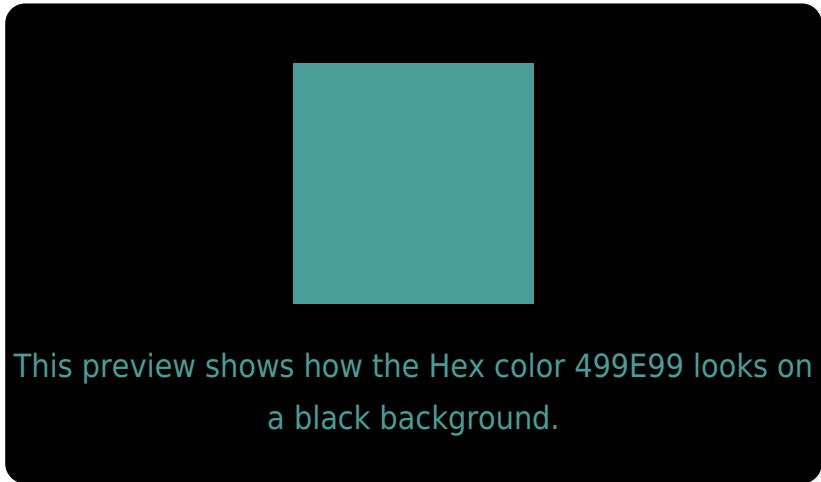
Large Text (above 18pt) WCAG AA ✓ Pass

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

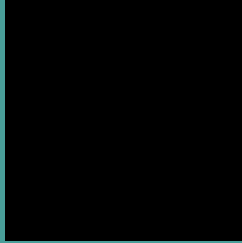
Any Text WCAG AA ✓ Pass

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 499E99 Background



This preview shows how black text looks on a background with the Hex color 499E99.



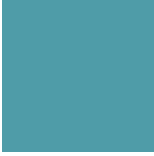
This preview shows how white text looks on a background with the Hex color 499E99.

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
4F9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 499E99 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 #499E99 looks like.

```
.text, #text, p{  
    color:#499E99  
}
```

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 #499E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499E99
}
```

Border

The CSS property to change the border of an element to Hex 499E99 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
#499E99 }
```

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

```
.border{ border-color:#499E99 }
```

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

Here you see how a box with a 4 pixel #499E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499E99; -webkit-box-shadow:4px 4px  
4px 4px #499E99; box-shadow:4px 4px 4px  
4px #499E99 }
```

Background

The CSS property to change the background color of an element to Hex 499E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499E99 }
```

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

```
.background{ background-color:#499E99 }
```

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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