

Converting Colors

Hex(6499AF)

Have a look what the booklet for
Hex(6499AF) contains.

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Color

Hex(6499AF)

Conversions

Conversions Part 1

Format	Color
Hex	6499AF
RGB	100, 153, 175
RGB Percent	39%, 60%, 69%
CMY	0.6078, 0.4000, 0.3137
CMYK	0.43, 0.13, 0.00, 0.31
HSL	198°, 32%, 54%
HSV	198°, 43%, 69%
XYZ	24.3846, 28.5869, 44.7901
YIQ	139.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

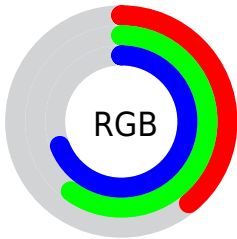
Format	Color
R_{YB}	100, 131, 175
Decimal	6592943
CIE _{Lab}	60.42, -11.67, -16.99
CIE _{LCh}	60, 20.613, 235.525
Yxy	28.5869, 0.2494, 0.2924
Android (android.graphics.Color)	4284783023 (0xFF6499AF)
YUV	139.6610, 17.4221, -34.7827
Hunter-Lab	53.4668, -12.1582, -12.2416

Details

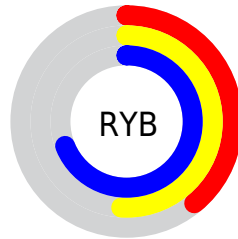
The Hex color **6499AF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF7A64**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9ACFE7**, and **2E667B** is the 20% darker color. If you saturate the color by 10%, you get **5394AF**, and if you desaturate by 10%, it is **769EAF**.

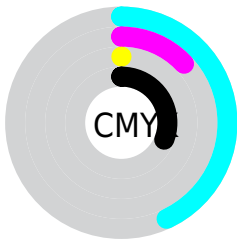
Distribution



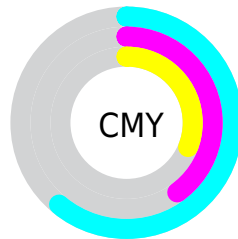
- Red (39%)
- Green (60%)
- Blue (69%)



- Red (39%)
- Yellow (51%)
- Blue (69%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (61%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6499AF 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 6499AF by changing the saturation by 10% instead.

■ 6499AF

■ 6499AF

FFFFFF

■ 497F94

■ 9ACFE7

■ 2E667B

■ B6ECFF

■ 0E4E62

■ D2FFFF

■ 00374A

■ EFFFFFF

■ 002233

■ 00051E

■ 000001

■ 000000

■ 6499AF

■ 6499AF

■ 5394AF

■ 769EAF

■ 418FAF

■ 87A3AF

■ 2F8AAF

■ 99A8AF

■ 1E84AF

■ AAAEAF

■ 0C7FAF

■ BBB3AF

■ 007CAF

■ CDB8AF

■ DFBDAF

■ F0C2AF

■ FFC7AF

Harmonies

Analogous

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



5E9CA1



6499AF



7894B5

Triad

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



6499AF



B48595



8F9571

Complementary

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



6499AF



AF7A64

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.



A2906E



6499AF



B78583

Square

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



6499AF



A788A6



B08A74



7A9A7D

Rectangle

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



6499AF



8990B4



B08A74



95936F

Sweetspot

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



6499AF



C5DAE3



64AF79



606D73



F2F2F2



737373

Same Dimension

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



6499AF



6FC1E3



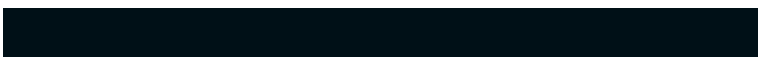
6474AF



4E5457



006A96



001017

Inverse Universe

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



AF6499



E36FC1



AF9F64



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color 6499AF looks on a white background.

Color Contrast Check

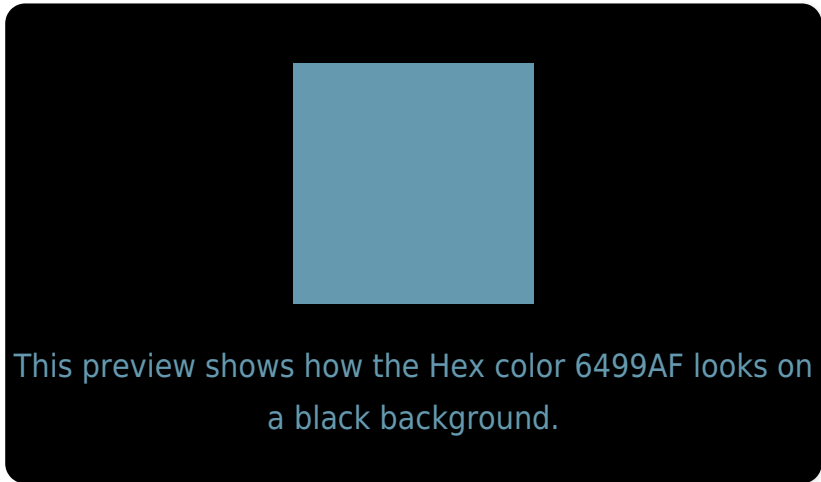
Large Text (above 18pt) WCAG AA ✓ Pass

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

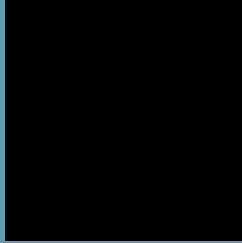
Any Text WCAG AA ✓ Pass

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 6499AF Background



This preview shows how black text looks on a background with the Hex color 6499AF.

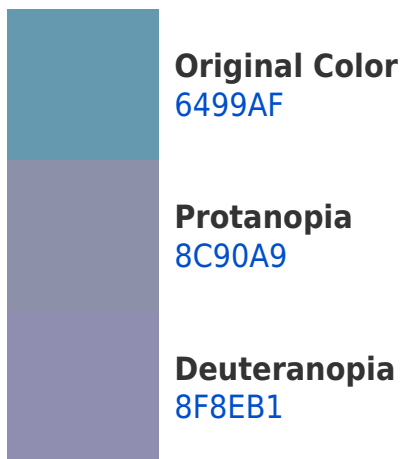


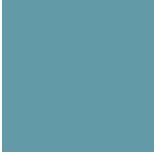
This preview shows how white text looks on a background with the Hex color 6499AF.

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](#).

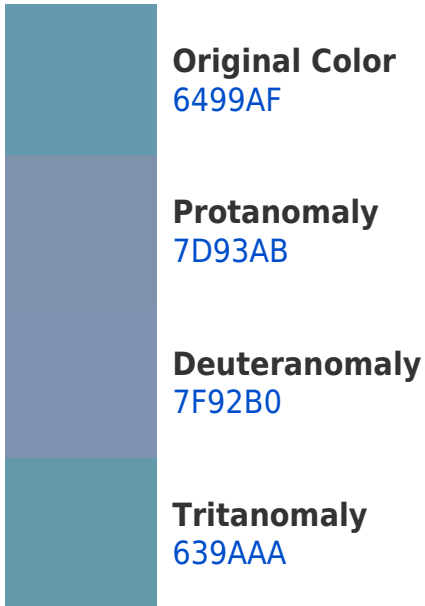
Dichromacy



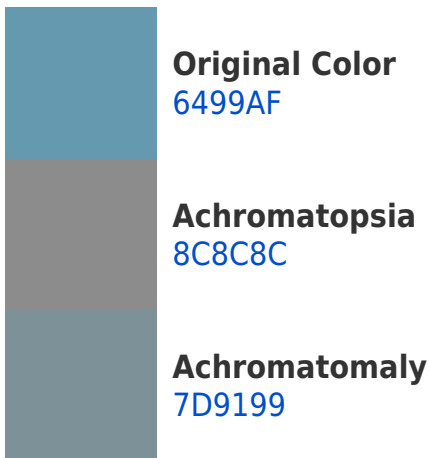


Tritanopia
629AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6499AF 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 #6499AF looks like.

```
.text, #text, p{  
    color:#6499AF  
}
```

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 #6499AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6499AF
}
```

Border

The CSS property to change the border of an element to Hex 6499AF 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
#6499AF }
```

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

```
.border{ border-color:#6499AF }
```

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

Here you see how a box with a 4 pixel #6499AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6499AF; -webkit-box-shadow:4px 4px  
4px 4px #6499AF; box-shadow:4px 4px 4px  
4px #6499AF }
```

Background

The CSS property to change the background color of an element to Hex 6499AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6499AF }
```

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

```
.background{ background-color:#6499AF }
```

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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