

Converting Colors

Hex(499FAC)

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

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Color

Hex(499FAC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 499FAC |
| RGB | 73, 159, 172 |
| RGB Percent | 29%, 62%, 67% |
| CMY | 0.7137, 0.3765, 0.3255 |
| CMYK | 0.58, 0.08, 0.00, 0.33 |
| HSL | 188°, 40%, 48% |
| HSV | 188°, 58%, 67% |
| XYZ | 22.5922, 29.1913, 43.4735 |
| YIQ | 134.7680, -55.4290, -14.1890 |

Conversions

Conversions Part 2

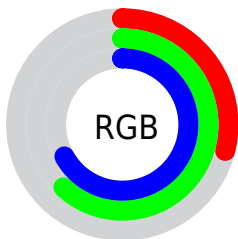
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 73, 119, 172 |
| Decimal | 4825004 |
| CIE _{Lab} | 60.95, -21.96, -14.60 |
| CIE _{LCh} | 61, 26.367, 213.620 |
| Yxy | 29.1913, 0.2372, 0.3064 |
| Android (android.graphics.Color) | 4283015084 (0xFF499FAC) |
| YUV | 134.7680, 18.3554, -54.1705 |
| Hunter-Lab | 54.0290, -19.9110, -9.8864 |

Details

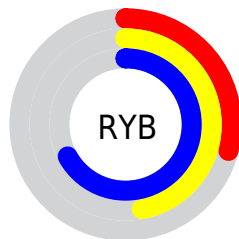
The Hex color **499FAC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5649**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **82D6E3**, and **006B78** is the 20% darker color. If you saturate the color by 10%, you get **389DAC**, and if you desaturate by 10%, it is **5AA1AC**.

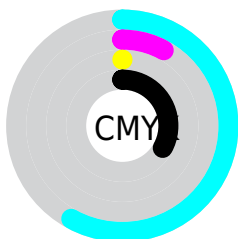
Distribution



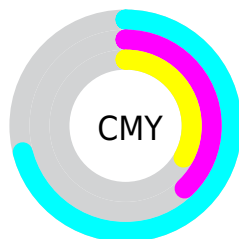
- Red (29%)
- Green (62%)
- Blue (67%)



- Red (29%)
- Yellow (47%)
- Blue (67%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 499FAC

 499FAC

FFFFFF

 298591

 82D6E3

 006B78

 9FF2FF

 00535F

 BCFFFF

 003B47

 D9FFFF

 002531

 F6FFFF

 00081C

 000000

 499FAC

 499FAC

 389DAC

 5AA1AC

■ 279AAC

■ 6BA4AC

■ 1598AC

■ 7DA6AC

■ 0496AC

■ 8EA8AC

■ 0095AC

■ 9FAAAC

■ B0ADAC

■ C1AFAC

■ D3B1AC

■ E4B3AC

Harmonies

Analogous

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



54A095



499FAC



599BBC

Triad

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



499FAC



B385A8



A19264

Complementary

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



499FAC



AC5649

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.



B58B6A



499FAC



C08291

Square

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



499FAC



9A8CBA



C0847A



88996C

Rectangle

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



499FAC



6E97C1



C0847A



A89065

Sweetspot

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



499FAC



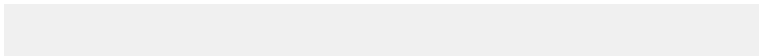
BADBE0



49AC55



5A6D70



F0F0F0



707070

Same Dimension

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



499FAC



46CCE0



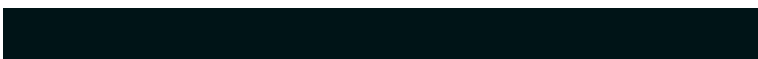
496FAC



4E5657



008396



001417

Inverse Universe

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



AC499F



E046CC



AC8649



574E56



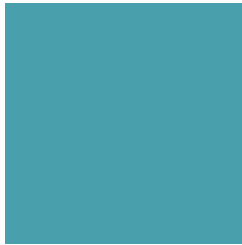
960083



170014

Previews

White Background



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

Color Contrast Check

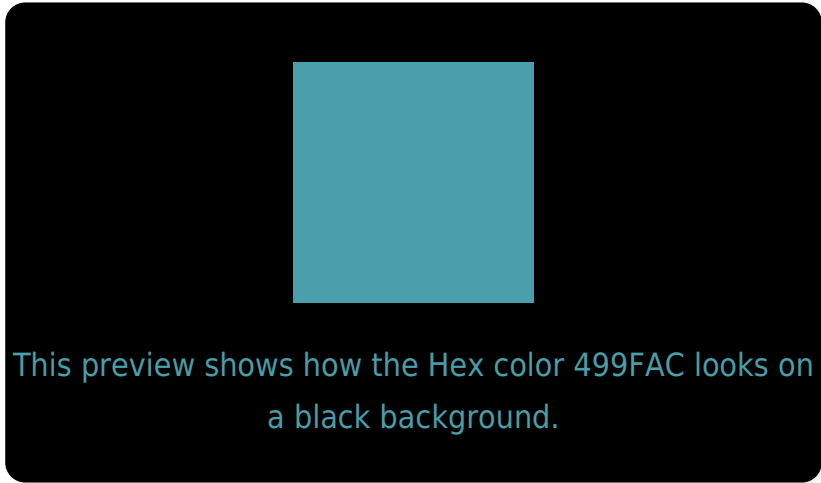
Large Text (above 18pt) WCAG AA ✓ Pass

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

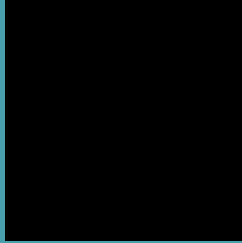
Any Text WCAG AA ✓ Pass

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 499FAC Background



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

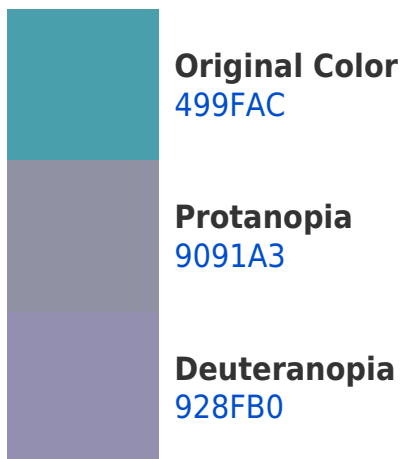


This preview shows how white text looks on a background with the Hex color 499FAC.

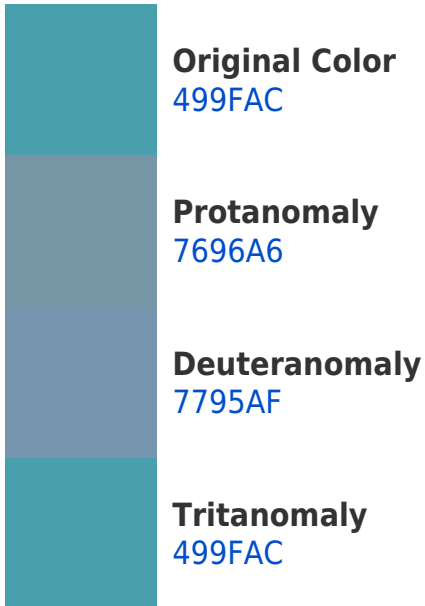
Color Blindness Simulation

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 499FAC 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 #499FAC looks like.

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

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 #499FAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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