

Converting Colors

Hex(497FAD)

Have a look what the booklet for
Hex(497FAD) contains.

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Color

Hex(497FAD)

Conversions

Conversions Part 1

Format	Color
Hex	497FAD
RGB	73, 127, 173
RGB Percent	29%, 50%, 68%
CMY	0.7137, 0.5020, 0.3216
CMYK	0.58, 0.27, 0.00, 0.32
HSL	208°, 41%, 48%
HSV	208°, 58%, 68%
XYZ	17.8799, 19.6123, 42.3784
YIQ	116.0980, -46.9500, 2.8580

Conversions

Conversions Part 2

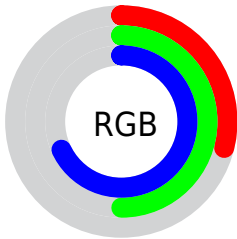
Format	Color
R _Y B	73, 108, 173
Decimal	4816813
CIE Lab	51.40, -4.01, -29.82
CIE LCh	51, 30.092, 262.345
Yxy	19.6123, 0.2239, 0.2456
Android (android.graphics.Color)	4283006893 (0xFF497FAD)
YUV	116.0980, 28.0527, -37.7969
Hunter-Lab	44.2858, -5.4330, -25.7362

Details

The Hex color **497FAD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD7749**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **81B4E5**, and **004E78** is the 20% darker color. If you saturate the color by 10%, you get **3877AD**, and if you desaturate by 10%, it is **5A87AD**.

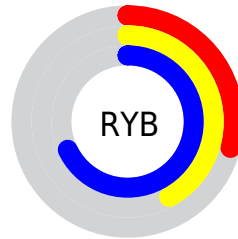
Distribution



Red (29%)

Green (50%)

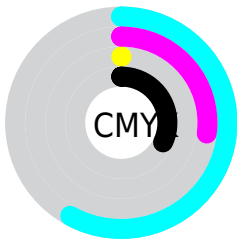
Blue (68%)



Red (29%)

Yellow (42%)

Blue (68%)

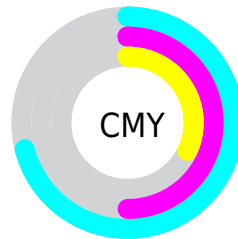


Cyan (58%)

Magenta (27%)

Yellow (0%)

Black (32%)



Cyan (71%)

Magenta (50%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497FAD 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 497FAD by changing the saturation by 10% instead.

■ 497FAD

■ 497FAD

FFFFFF

■ 2B6692

■ 81B4E5

■ 004E78

■ 9DCFFF

■ 00385F

■ B9EBFF

■ 002247

■ D6FFFF

■ 000C31

■ F4FFFF

■ 00011B

■ 000000

■ 497FAD

■ 497FAD

■ 3877AD

■ 5A87AD

■ 266FAD

■ 6C8FAD

■ 1567AD

■ 7D97AD

■ 045FAD

■ 8E9FAD

■ 005DAD

■ A0A7AD

■ B1AFAD

■ C2B7AD

■ D3BFAD

■ E5C7AD

Harmonies

Analogous

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



1785A2



497FAD



7476AA

Triad

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



497FAD



AD6768



5A855A

Complementary

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



497FAD



AD7749

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.



787F4A



497FAD



A46E53

Square

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



497FAD



A86782



917747



388873

Rectangle

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



497FAD



8B70A1



917747



648354

Sweetspot

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



497FAD



BACFE0



49AD76



5A6670



F0F0F0



707070

Same Dimension

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



497FAD



4699E0



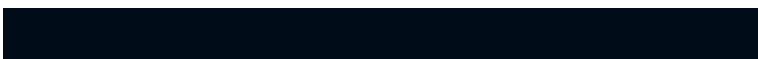
494EAD



4E5357



005196



000C17

Inverse Universe

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



AD497F



E04699



ADA849



574E53



960051



17000C

Previews

White Background



This preview shows how the Hex color 497FAD looks on a white background.

Color Contrast Check

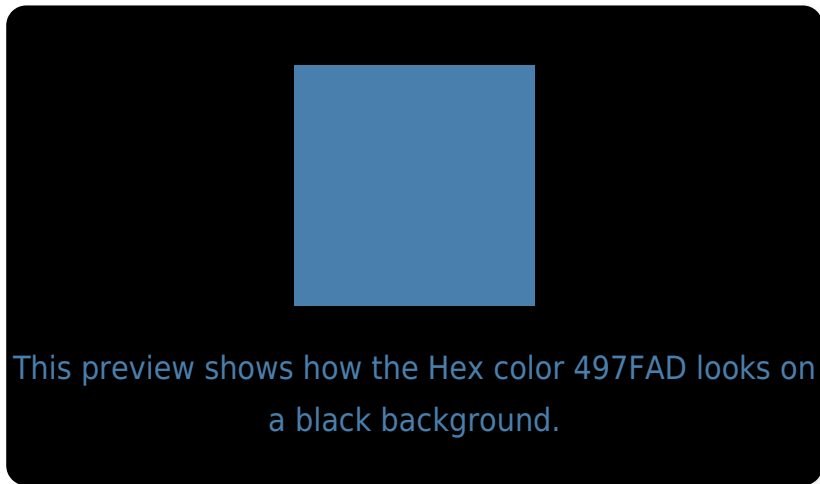
Large Text (above 18pt) WCAG AA ✓ Pass

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

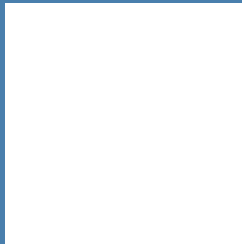
Any Text WCAG AAA × Fail

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

Hex 497FAD Background



This preview shows how black text looks on a background with the Hex color 497FAD.

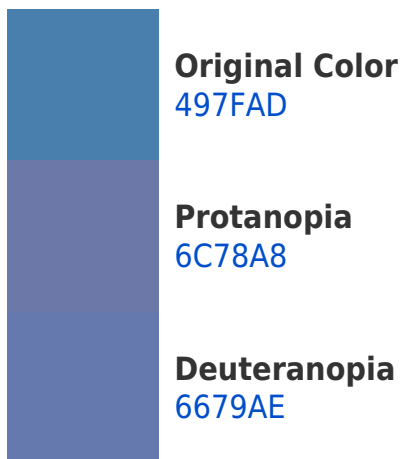


This preview shows how white text looks on a background with the Hex color 497FAD.

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](#).

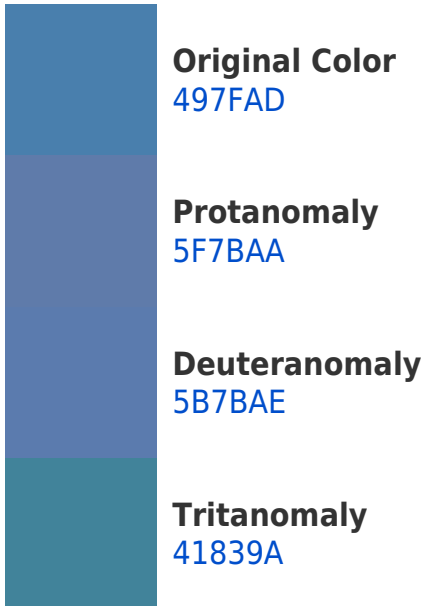
Dichromacy



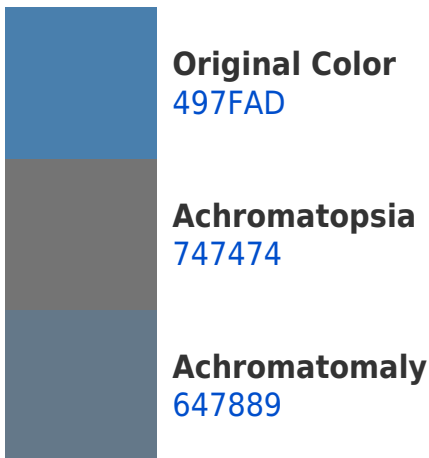


Tritanopia
3D858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 497FAD 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 #497FAD looks like.

```
.text, #text, p{  
    color:#497FAD  
}
```

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 #497FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497FAD
}
```

Border

The CSS property to change the border of an element to Hex 497FAD 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
#497FAD }
```

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

```
.border{ border-color:#497FAD }
```

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

Here you see how a box with a 4 pixel #497FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497FAD; -webkit-box-shadow:4px 4px  
4px 4px #497FAD; box-shadow:4px 4px 4px  
4px #497FAD }
```

Background

The CSS property to change the background color of an element to Hex 497FAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497FAD }
```

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

```
.background{ background-color:#497FAD }
```

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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