

# Converting Colors

Hex(494A8F)

Have a look what the booklet for  
Hex(494A8F) contains.

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# Color

Hex(494A8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494A8F
RGB	73, 74, 143
RGB Percent	29%, 29%, 56%
CMY	0.7137, 0.7098, 0.4392
CMYK	0.49, 0.48, 0.00, 0.44
HSL	239°, 32%, 42%
HSV	239°, 49%, 56%
XYZ	10.1544, 8.2972, 27.0529
YIQ	81.5670, -22.7450, 21.2470

# Conversions

## Conversions Part 2

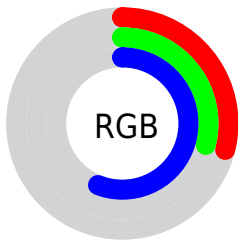
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 74, 143
Decimal	4803215
CIE <sub>Lab</sub>	34.59, 19.17, -38.50
CIE <sub>LCh</sub>	35, 43.010, 296.472
Yxy	8.2972, 0.2232, 0.1823
Android (android.graphics.Color)	4282993295 (0xFF494A8F)
YUV	81.5670, 30.2865, -7.5133
Hunter-Lab	28.8049, 12.5168, -35.5205

# Details

The Hex color **494A8F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8F8E49**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7E7BC5**, and **101E5C** is the 20% darker color. If you saturate the color by 10%, you get **3B3C8F**, and if you desaturate by 10%, it is **57588F**.

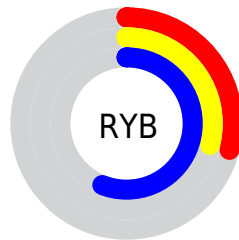
# Distribution



Red (29%)

Green (29%)

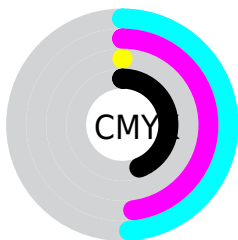
Blue (56%)



Red (29%)

Yellow (29%)

Blue (56%)

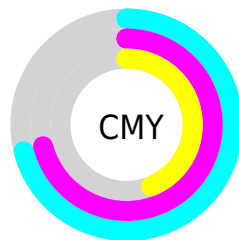


Cyan (49%)

Magenta (48%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (71%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494A8F 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 494A8F by changing the saturation by 10% instead.



 494A8F

 494A8F

FFFFFF

 2E3375

 7E7BC5

 101E5C

 9994E1

 000844

 B5AFFE

 00032D

 D1CAFF

 000117

 EEE7FF

 000000

 494A8F

 494A8F

 3B3C8F

 57588F

 2C2E8F

 66668F

■ 1E208F

■ 74748F

■ 10128F

■ 82828F

■ 01048F

■ 91908F

■ 00028F

■ 9F9F8F

■ ADAD8F

■ BBBB8F

■ CAC98F

# Harmonies

## Analogous

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



005796



494A8F



773A78

# Triad

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



494A8F



7F4117



00614C

# Complementary

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



494A8F



8F8E49

# 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.



0D5E29



494A8F



664E00

# Square

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



494A8F



8D3335



44580A



00616F

# Rectangle

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



494A8F



873262



44580A



006040



# Sweetspot

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



494A8F



9E9FBA



498F8E



4D4E5E



DEDEDE



5E5E5E



# Same Dimension

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



494A8F



4C4EBA



6B498F



404047



000287



000008



# Inverse Universe

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



8F494A



BA4C4E



6D8F49



474040



870002



080000



# Previews

## White Background



This preview shows how the Hex color 494A8F looks on a white background.

## Color Contrast Check

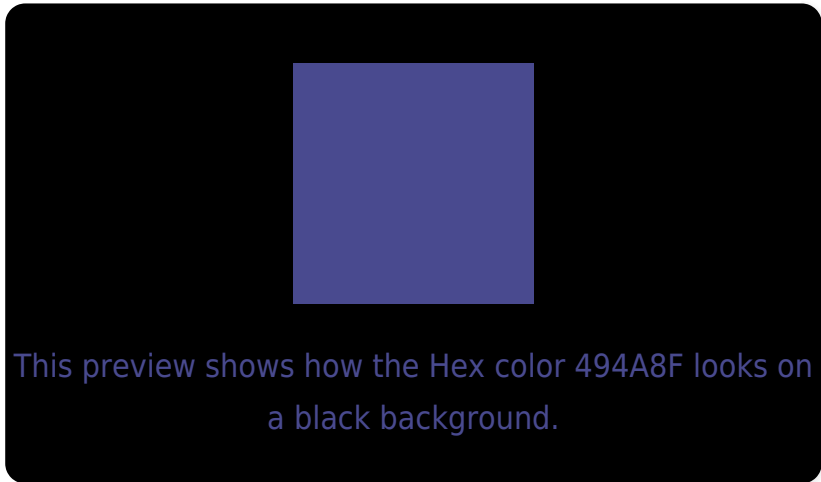
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

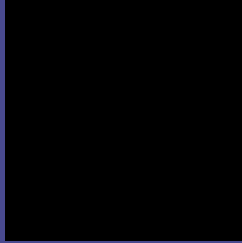
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 494A8F Background



This preview shows how black text looks on a background with the Hex color 494A8F.

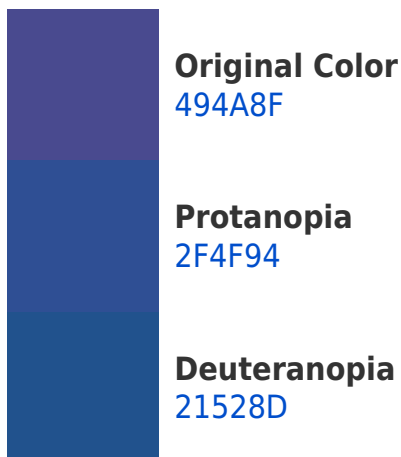



This preview shows how white text looks on a background with the Hex color 494A8F.

# 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**  
3A565D

# Trichromacy



**Original Color**  
494A8F

**Protanomaly**  
384D92

**Deuteranomaly**  
304F8E

**Tritanomaly**  
3F526F

# Monochromacy



**Original Color**  
494A8F

**Achromatopsia**  
525252

**Achromatomaly**  
4F4F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494A8F 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 #494A8F looks like.

```
.text, #text, p{  
    color:#494A8F  
}
```

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 #494A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494A8F
}
```

## Border

The CSS property to change the border of an element to Hex 494A8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

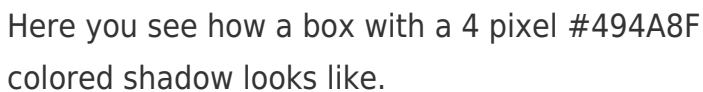
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494A8F }
```

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

```
.border{ border-color:#494A8F }
```

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



Here you see how a box with a 4 pixel #494A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494A8F; -webkit-box-shadow:4px 4px  
4px 4px #494A8F; box-shadow:4px 4px 4px  
4px #494A8F }
```

# Background

The CSS property to change the background color of an element to Hex 494A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494A8F }
```

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

```
.background{ background-color:#494A8F }
```

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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