

# Converting Colors

Hex(495A97)

Have a look what the booklet for  
Hex(495A97) contains.

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# Color

Hex(495A97)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	495A97
RGB	73, 90, 151
RGB Percent	29%, 35%, 59%
CMY	0.7137, 0.6471, 0.4078
CMYK	0.52, 0.40, 0.00, 0.41
HSL	227°, 35%, 44%
HSV	227°, 52%, 59%
XYZ	11.9897, 10.9632, 30.7623
YIQ	91.8710, -29.7130, 15.3670

# Conversions

## Conversions Part 2

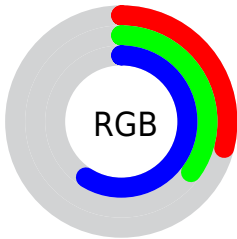
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 87, 151
Decimal	4807319
CIE <sub>Lab</sub>	39.52, 11.46, -35.51
CIE <sub>LCh</sub>	40, 37.316, 287.881
Yxy	10.9632, 0.2232, 0.2041
Android (android.graphics.Color)	4282997399 (0xFF495A97)
YUV	91.8710, 29.1506, -16.5499
Hunter-Lab	33.1107, 6.6931, -31.9075

# Details

The Hex color **495A97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978649**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7E8CCE**, and **0D2D64** is the 20% darker color. If you saturate the color by 10%, you get **3A4E97**, and if you desaturate by 10%, it is **586697**.

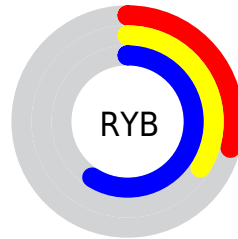
# Distribution



Red (29%)

Green (35%)

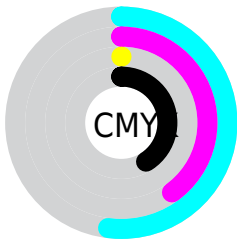
Blue (59%)



Red (29%)

Yellow (34%)

Blue (59%)

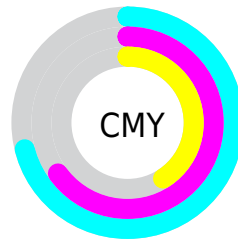


Cyan (52%)

Magenta (40%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (65%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 495A97 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 495A97 by changing the saturation by 10% instead.



■ 495A97

■ 495A97

FFFFFF

■ 2E437D

■ 7E8CCE

■ 0D2D64

■ 9AA6EA

■ 00194B

■ B5C1FF

■ 000034

■ D2DDFF

■ 00021E

■ E9FAFF

■ 000000

■ 495A97

■ 495A97

■ 3A4E97

■ 586697

■ 2B4297

■ 677297

■ 1C3797

■ 767D97

■ 0D2B97

■ 858997

■ 002197

■ 949597

■ A4A197

■ B3AD97

■ C2B897

■ D1C497

# Harmonies

## Analogous

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



006498



495A97



764E86

# Triad

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



495A97



8D4C31



006B4F

# Complementary

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



495A97



978649

# 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.



396832



495A97



78571F

# Square

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



495A97



95434C



5C611F



006C6F

# Rectangle

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



495A97



884675



5C611F



126A45



# Sweetspot

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



495A97



A7ADC4



499785



525563



E3E3E3



636363



# Same Dimension

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



495A97



4B65C4



5E4997



45474D



001F8C



00030D



# Inverse Universe

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



97495A



C44B65



829749



4D4547



8C001F

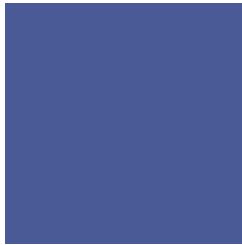


0D0003



# Previews

## White Background



This preview shows how the Hex color 495A97 looks on a white background.

## Color Contrast Check

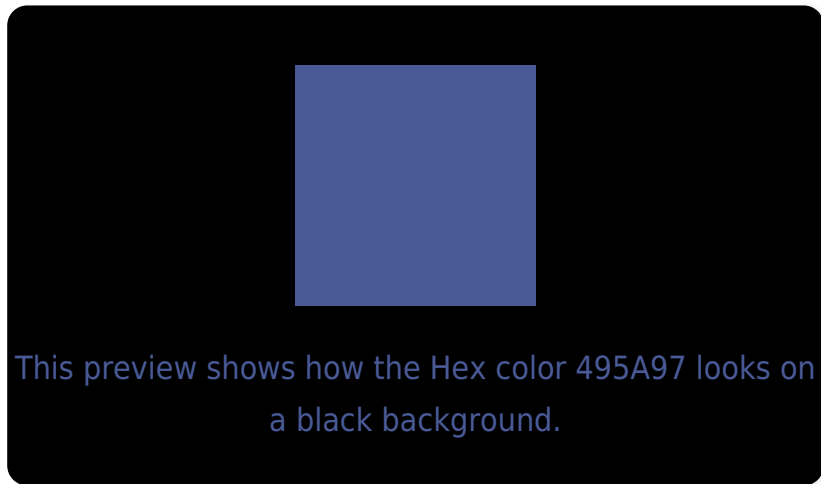
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

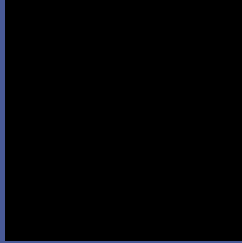
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 495A97 Background



This preview shows how black text looks on a background with the Hex color 495A97.



This preview shows how white text looks on a background with the Hex color 495A97.

# 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



**Original Color**  
495A97

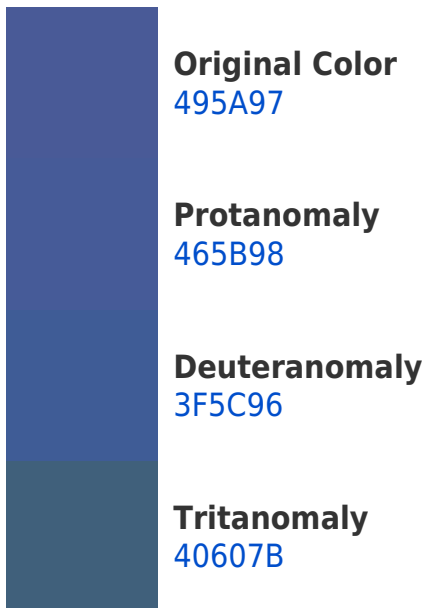
**Protanopia**  
455B98

**Deuteranopia**  
3A5D96



**Tritanopia**  
3B636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 495A97 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 #495A97 looks like.

```
.text, #text, p{  
    color:#495A97  
}
```

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 #495A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495A97
}
```

## Border

The CSS property to change the border of an element to Hex 495A97 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
#495A97 }
```

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

```
.border{ border-color:#495A97 }
```

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

Here you see how a box with a 4 pixel #495A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495A97; -webkit-box-shadow:4px 4px  
4px 4px #495A97; box-shadow:4px 4px 4px  
4px #495A97 }
```

# Background

The CSS property to change the background color of an element to Hex 495A97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495A97 }
```

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

```
.background{ background-color:#495A97 }
```

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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