

Converting Colors

Hex(493BCC)

Have a look what the booklet for
Hex(493BCC) contains.

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Color

Hex(493BCC)

Conversions

Conversions Part 1

Format	Color
Hex	493BCC
RGB	73, 59, 204
RGB Percent	29%, 23%, 80%
CMY	0.7137, 0.7686, 0.2000
CMYK	0.64, 0.71, 0.00, 0.20
HSL	246°, 59%, 52%
HSV	246°, 71%, 80%
XYZ	15.2107, 8.9040, 58.0437
YIQ	79.7160, -38.2010, 48.0630

Conversions

Conversions Part 2

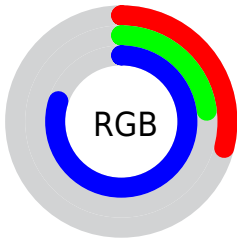
Format	Color
R_{YB}	73, 59, 204
Decimal	4799436
CIE _{Lab}	35.80, 48.19, -72.86
CIE _{LCh}	36, 87.353, 303.481
Yxy	8.9040, 0.1851, 0.1084
Android (android.graphics.Color)	4282989516 (0xFF493BCC)
YUV	79.7160, 61.2720, -5.8899
Hunter-Lab	29.8396, 38.7708, -94.4425

Details

The Hex color **493BCC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BECC3B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **886CFF**, and **000C94** is the 20% darker color. If you saturate the color by 10%, you get **3727CC**, and if you desaturate by 10%, it is **5B4FCC**.

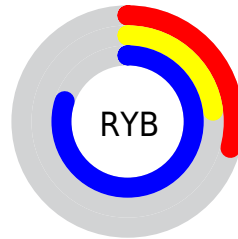
Distribution



Red (29%)

Green (23%)

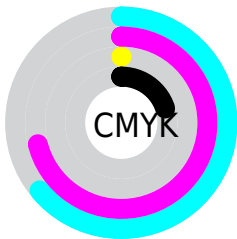
Blue (80%)



Red (29%)

Yellow (23%)

Blue (80%)

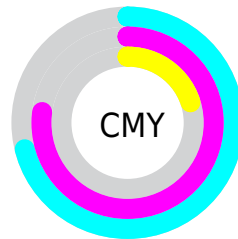


Cyan (64%)

Magenta (71%)

Yellow (0%)

Black (20%)



Cyan (71%)

Magenta (77%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493BCC 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 493BCC by changing the saturation by 10% instead.

■ 493BCC

■ 493BCC

FFFFFF

■ 2124B0

■ 886CFF

■ 000C94

■ A686FF

■ 00007A

■ C4A1FF

■ 000060

■ E3BCFF

■ 000847

■ FFD8FF

■ 000430

■ FFF5FF

■ 00011A

■ 000000

■ 493BCC

■ 493BCC

■ 3727CC

■ 5B4FCC

■ 2412CC

■ 6E64CC

■ 1400CC

■ 8078CC

■ 938DCC

■ A5A1CC

■ B8B5CC

■ CACACC

■ DCDECC

■ EFF3CC

Harmonies

Analogous

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



005DE4



493BCC



A90094

Triad

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



493BCC



973400



006D5B

Complementary

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



493BCC



BECC3B

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.



006A05



493BCC



615500

Square

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



493BCC



BB0009



006400



006EA1

Rectangle

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



493BCC



C10067



006400



006C42

Sweetspot

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



493BCC



CFC9FF



3BC0CC



636080



000000



808080

Same Dimension

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



493BCC



3B26FF



903BCC



5D5C66



1000A6



040026

Inverse Universe

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



CC3BBE



FF26EA



77CC3B



665C65



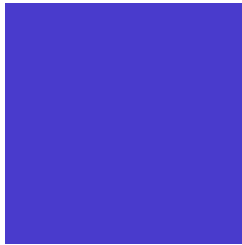
A60096



260023

Previews

White Background



This preview shows how the Hex color 493BCC looks on a white background.

Color Contrast Check

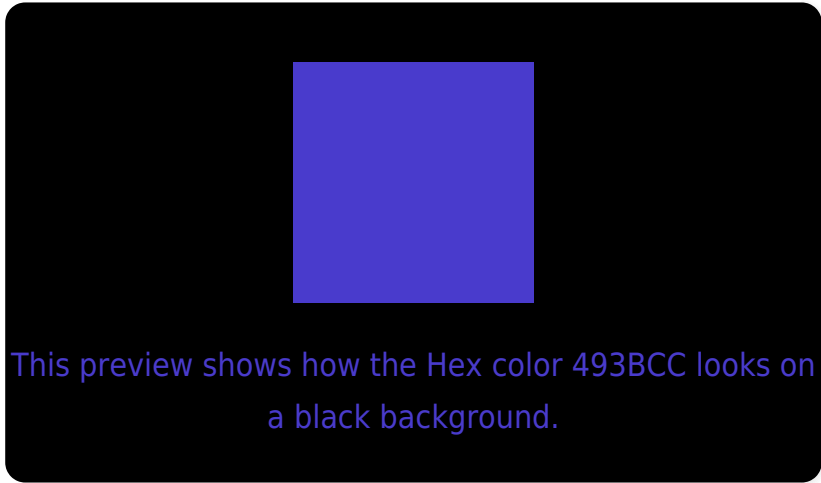
Large Text (above 18pt) WCAG AA ✓ Pass

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

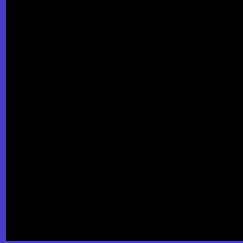
Any Text WCAG AA × Fail

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 493BCC Background



This preview shows how black text looks on a background with the Hex color 493BCC.

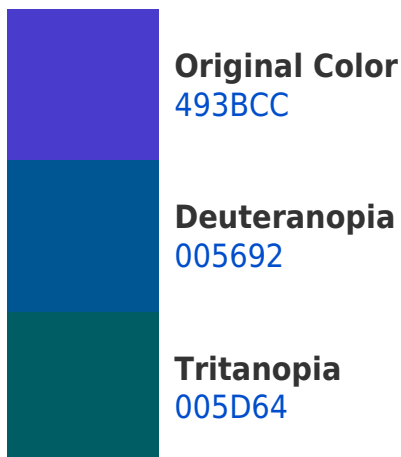


This preview shows how white text looks on a background with the Hex color 493BCC.

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



Original Color
493BCC

Deuteranomaly
1B4CA7

Tritanomaly
1B518A

Monochromacy



Original Color
493BCC

Achromatopsia
505050

Achromatomaly
4D487D

CSS Examples

Text

The CSS property to change the color of the text to Hex 493BCC 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 #493BCC looks like.

```
.text, #text, p{  
    color:#493BCC  
}
```

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 #493BCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493BCC
}
```

Border

The CSS property to change the border of an element to Hex 493BCC 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
#493BCC }
```

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

```
.border{ border-color:#493BCC }
```

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

Here you see how a box with a 4 pixel #493BCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493BCC; -webkit-box-shadow:4px 4px  
4px 4px #493BCC; box-shadow:4px 4px 4px  
4px #493BCC }
```

Background

The CSS property to change the background color of an element to Hex 493BCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493BCC }
```

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

```
.background{ background-color:#493BCC }
```

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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