

Converting Colors

Hex(495FDC)

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

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Color

Hex(495FDC)

Conversions

Conversions Part 1

Format	Color
Hex	495FDC
RGB	73, 95, 220
RGB Percent	29%, 37%, 86%
CMY	0.7137, 0.6275, 0.1373
CMYK	0.67, 0.57, 0.00, 0.14
HSL	231°, 68%, 57%
HSV	231°, 67%, 86%
XYZ	19.7581, 14.7682, 69.5193
YIQ	102.6720, -53.2370, 34.2110

Conversions

Conversions Part 2

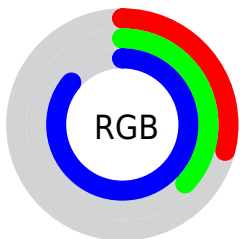
Format	Color
R_{YB}	73, 92, 220
Decimal	4808668
CIE _{Lab}	45.32, 31.90, -66.50
CIE _{LCh}	45, 73.759, 295.628
Yxy	14.7682, 0.1899, 0.1419
Android (android.graphics.Color)	4282998748 (0xFF495FDC)
YUV	102.6720, 57.8427, -26.0223
Hunter-Lab	38.4294, 24.5227, -80.3558

Details

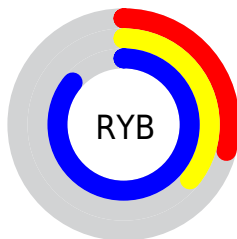
The Hex color **495FDC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **DCC649**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8991FF**, and **0031A4** is the 20% darker color. If you saturate the color by 10%, you get **334CDC**, and if you desaturate by 10%, it is **5F72DC**.

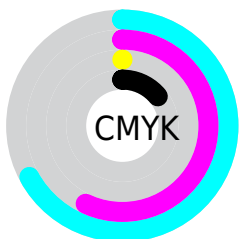
Distribution



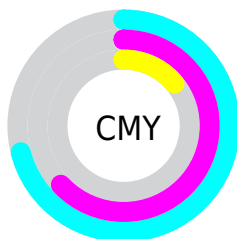
- Red (29%)
- Green (37%)
- Blue (86%)



- Red (29%)
- Yellow (36%)
- Blue (86%)



- Cyan (67%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (63%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 495FDC

 495FDC

FFFFFF

 1F48C0

 8991FF

 0031A4

 A7ACFF

 001D89

 C5C7FF

 000B6F

 E4E3FF

 000355

 00063D

 000326

 00010F

 000000

■ 495FDC

■ 495FDC

■ 334CDC

■ 5F72DC

■ 1D3ADC

■ 7584DC

■ 0727DC

■ 8B97DC

■ 0021DC

■ A1AADC

■ B7BDDC

■ CDCFDC

■ E3E2DC

■ F9F5DC

■ FFFFDC

Harmonies

Analogous

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



0076E8



495FDC



AA3AB2

Triad

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



495FDC



B74900



008460

Complementary

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



495FDC



DCC649

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.



00801B



495FDC



8A6600

Square

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



495FDC



D11D3B



4F7700



00859F

Rectangle

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



495FDC



C8188C



4F7700



00834A

Sweetspot

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



495FDC



CCD4FF



49DCC6



616580



000000



808080

Same Dimension

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



495FDC



3352FF



7C49DC



63646E



001AAD



00072E

Inverse Universe

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



DC495F



FF3352



A9DC49



6E6364



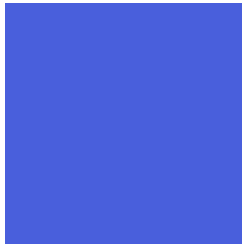
AD001A



2E0007

Previews

White Background



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

Color Contrast Check

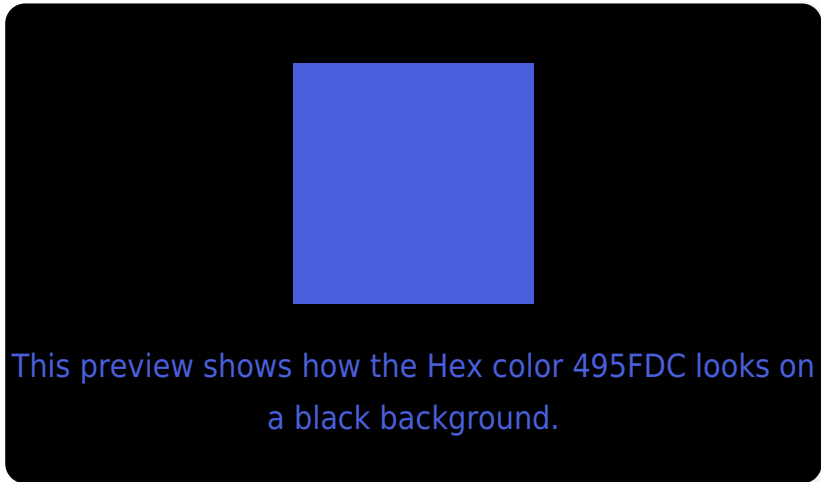
Large Text (above 18pt) WCAG AA ✓ Pass

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

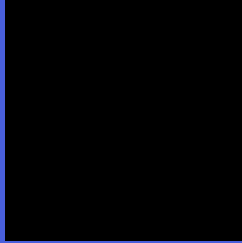
Any Text WCAG AA × Fail

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 495FDC Background



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

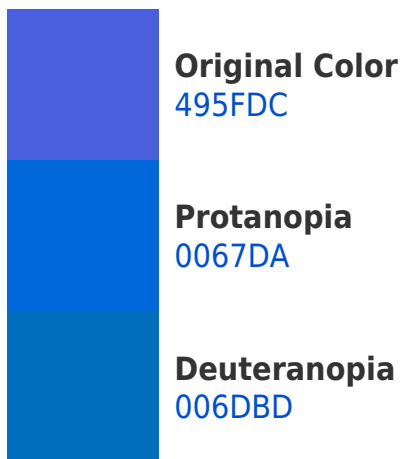


This preview shows how white text looks on a background with the Hex color 495FDC.

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](#).

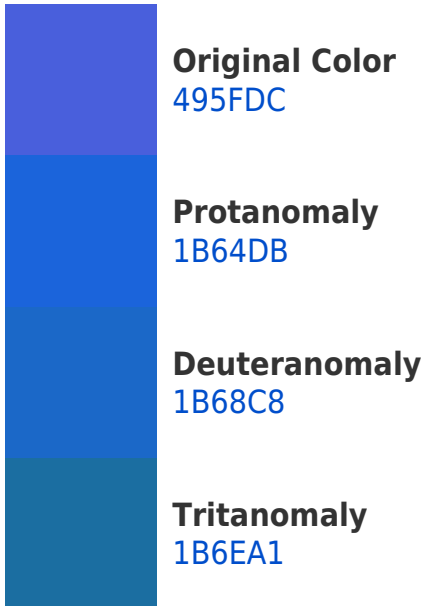
Dichromacy



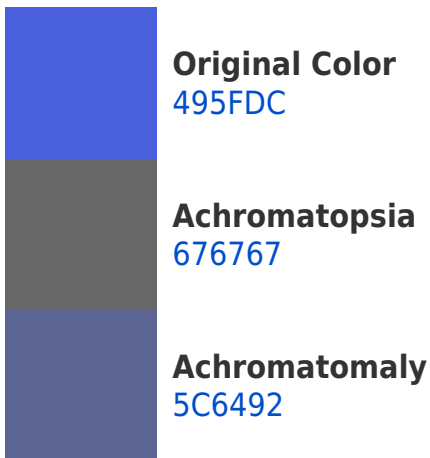


Tritanopia
007680

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #495FDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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