

Converting Colors

Hex(504ECA)

Have a look what the booklet for
Hex(504ECA) contains.

Hex(504ECA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(504ECA)

Conversions

Conversions Part 1

Format	Color
Hex	504ECA
RGB	80, 78, 202
RGB Percent	31%, 31%, 79%
CMY	0.6863, 0.6941, 0.2078
CMYK	0.60, 0.61, 0.00, 0.21
HSL	241°, 54%, 55%
HSV	241°, 61%, 79%
XYZ	16.6933, 11.4185, 57.2013
YIQ	92.7340, -38.6120, 38.9880

Conversions

Conversions Part 2

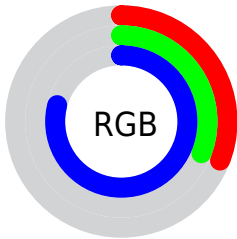
Format	Color
R _Y B	80, 78, 202
Decimal	5263050
CIE Lab	40.28, 37.44, -64.35
CIE LCh	40, 74.447, 300.190
Yxy	11.4185, 0.1957, 0.1338
Android (android.graphics.Color)	4283453130 (0xFF504ECA)
YUV	92.7340, 53.8681, -11.1677
Hunter-Lab	33.7913, 29.0465, -76.7111

Details

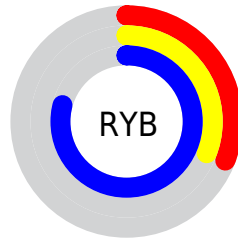
The Hex color **504ECA** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C8CA4E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8C7FFF**, and **002193** is the 20% darker color. If you saturate the color by 10%, you get **3C3ACA**, and if you desaturate by 10%, it is **6462CA**.

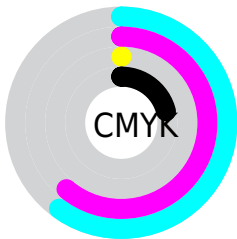
Distribution



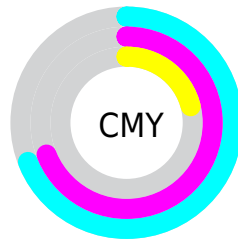
- Red (31%)
- Green (31%)
- Blue (79%)



- Red (31%)
- Yellow (31%)
- Blue (79%)



- Cyan (60%)
- Magenta (61%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (69%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504ECA 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 504ECA by changing the saturation by 10% instead.

■ 504ECA

■ 504ECA

FFFFFF

■ 2E37AE

■ 8C7FFF

■ 002193

■ AA9AFF

■ 000D78

■ C7B4FF

■ 00005F

■ E5D0FF

■ 000846

■ FFEDFF

■ 00042F

■ 000119

■ 000000

■ 504ECA

■ 504ECA

■ 3C3ACA

■ 6462CA

■ 2826CA

■ 7876CA

■ 1411CA

■ 8C8BCA

■ 0300CA

■ 9F9FCA

■ B3B3CA

■ C7C7CA

■ DBDBCA

■ EFF0CA

■ FFFFCA

Harmonies

Analogous

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



0068DB



504ECA



A5209D

Triad

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



504ECA



A24100



00775E

Complementary

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



504ECA



C8CA4E

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.



00741A



504ECA



745D00

Square

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



504ECA



BF0826



356C00



00789B

Rectangle

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



504ECA



BD0076



356C00



007648

Sweetspot

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



504ECA



D2D1FF



4ECACA



646380



000000



808080

Same Dimension

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



504ECA



4542FF



8C4ECA



5C5C66



0300A6



010026

Inverse Universe

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



CA4EC8



FF42FC



8CCA4E



665C66



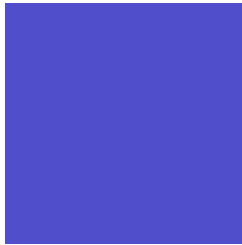
A600A3



260026

Previews

White Background



This preview shows how the Hex color 504ECA looks on a white background.

Color Contrast Check

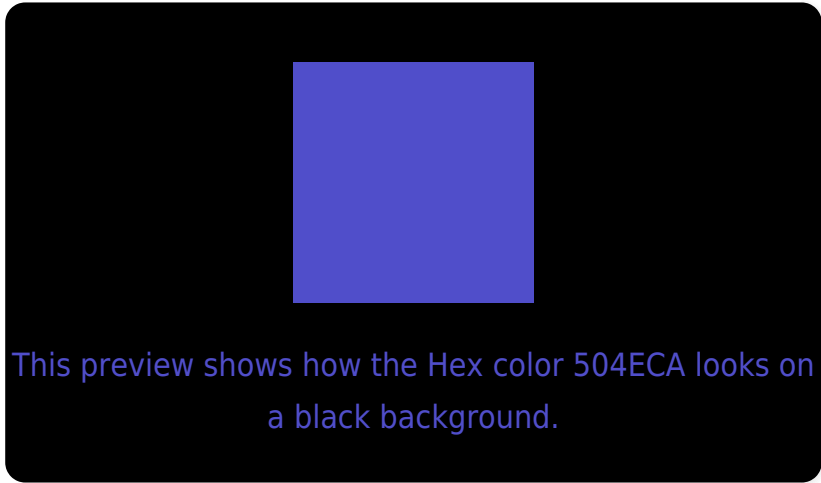
Large Text (above 18pt) WCAG AA ✓ Pass

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

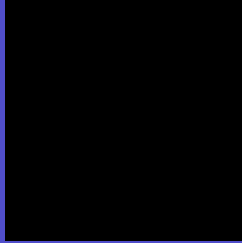
Any Text WCAG AA × Fail

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 504ECA Background



This preview shows how black text looks on a background with the Hex color 504ECA.

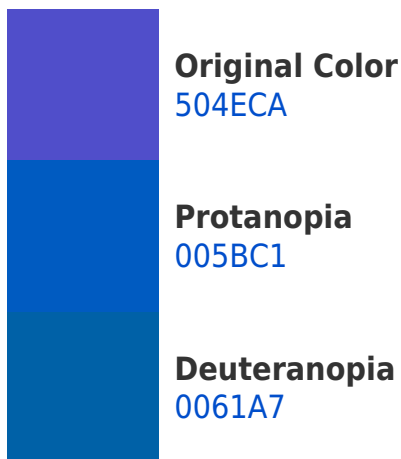


This preview shows how white text looks on a background with the Hex color 504ECA.

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
256870

Trichromacy



Original Color
504ECA



Protanomaly
1D56C4



Deuteranomaly
1D5AB4



Tritanomaly
355F91

Monochromacy



Original Color
504ECA



Achromatopsia
5D5D5D



Achromatomaly
585885

CSS Examples

Text

The CSS property to change the color of the text to Hex 504ECA 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 #504ECA looks like.

```
.text, #text, p{  
    color:#504ECA  
}
```

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 #504ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504ECA
}
```

Border

The CSS property to change the border of an element to Hex 504ECA 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".

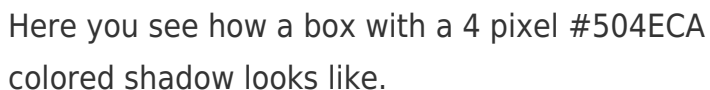
```
.border, #border, table{ border:4px solid
#504ECA }
```

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

```
.border{ border-color:#504ECA }
```

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

Here you see how a box with a 4 pixel #504ECA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504ECA; -webkit-box-shadow:4px 4px  
4px 4px #504ECA; box-shadow:4px 4px 4px  
4px #504ECA }
```

Background

The CSS property to change the background color of an element to Hex 504ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504ECA }
```

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

```
.background{ background-color:#504ECA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor