

# Converting Colors

Hex(454EC5)

Have a look what the booklet for  
Hex(454EC5) contains.

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# Color

Hex(454EC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	454EC5
RGB	69, 78, 197
RGB Percent	27%, 31%, 77%
CMY	0.7294, 0.6941, 0.2275
CMYK	0.65, 0.60, 0.00, 0.23
HSL	236°, 52%, 52%
HSV	236°, 65%, 77%
XYZ	15.2567, 10.7452, 54.0932
YIQ	88.8750, -43.5630, 35.1010

# Conversions

## Conversions Part 2

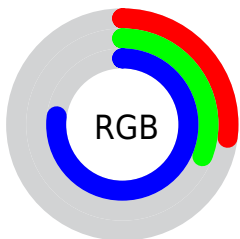
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 77, 197
Decimal	4542149
CIE <sub>Lab</sub>	39.15, 34.03, -63.32
CIE <sub>LCh</sub>	39, 71.882, 298.254
Yxy	10.7452, 0.1905, 0.1342
Android (android.graphics.Color)	4282732229 (0xFF454EC5)
YUV	88.8750, 53.3056, -17.4304
Hunter-Lab	32.7799, 25.7141, -74.8942

# Details

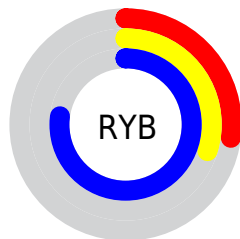
The Hex color **454EC5** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C5BC45**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **837FFF**, and **00228E** is the 20% darker color. If you saturate the color by 10%, you get **313CC5**, and if you desaturate by 10%, it is **5960C5**.

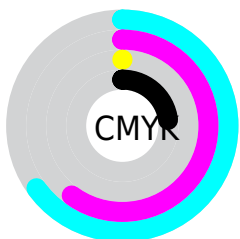
# Distribution



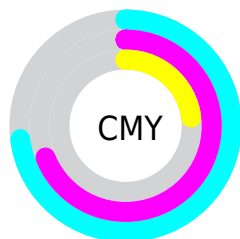
- Red (27%)
- Green (31%)
- Blue (77%)



- Red (27%)
- Yellow (30%)
- Blue (77%)



- Cyan (65%)
- Magenta (60%)
- Yellow (0%)
- Black (23%)



- Cyan (73%)
- Magenta (69%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454EC5 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 454EC5 by changing the saturation by 10% instead.



■ 454EC5

■ 454EC5

FFFFFF

■ 1E37A9

■ 837FFF

■ 00228E

■ A099FF

■ 000F74

■ BEB4FF

■ 00005A

■ DCD0FF

■ 000742

■ FAECFF

■ 00032B

■ 000115

■ 000000

■ 454EC5

■ 454EC5

■ 313CC5

■ 5960C5

■ 1E29C5

■ 6C73C5

■ 0A17C5

■ 8085C5

■ 000EC5

■ 9497C5

■ A8AAC5

■ BBBCC5

■ CFCEC5

■ E3E1C5

■ F6F3C5

# Harmonies

## Analogous

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



0066D3



454EC5



9C259B

# Triad

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



454EC5



9F3E00



007357

# Complementary

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



454EC5



C5BC45

# 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.



007015



454EC5



745900

# Square

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



454EC5



BA0629



396800



007493

# Rectangle

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



454EC5



B60076



396800



007342



# Sweetspot

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



454EC5



CFD2FF



45C5BA



626480



000000



808080



# Same Dimension

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



454EC5



3846FF



7A45C5



5A5A63



000BA3



000324



# Inverse Universe

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



C5454E



FF3846



90C545



635A5A



A3000B

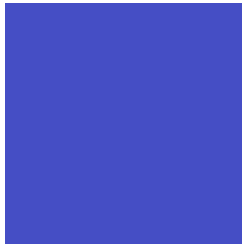


240003



# Previews

## White Background



This preview shows how the Hex color 454EC5 looks on a white background.

## Color Contrast Check

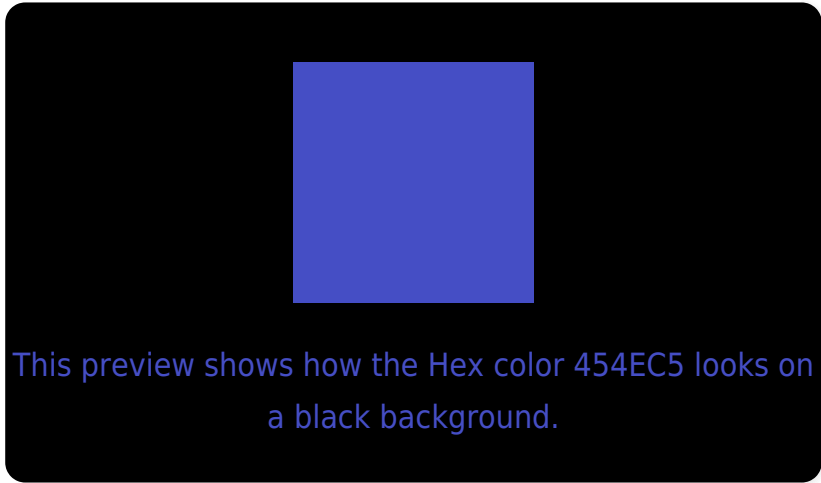
Large Text (above 18pt) WCAG AA ✓ Pass

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

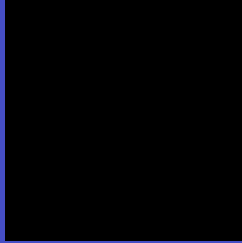
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 454EC5 Background



This preview shows how black text looks on a background with the Hex color 454EC5.

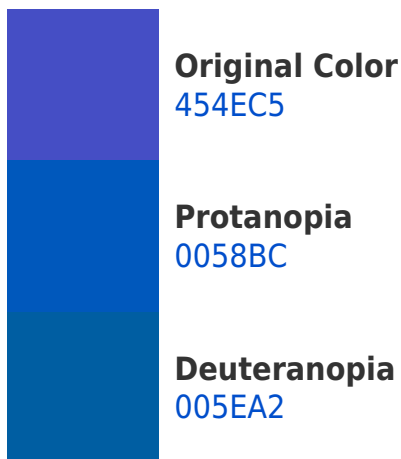


This preview shows how white text looks on a background with the Hex color 454EC5.

# 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](#).

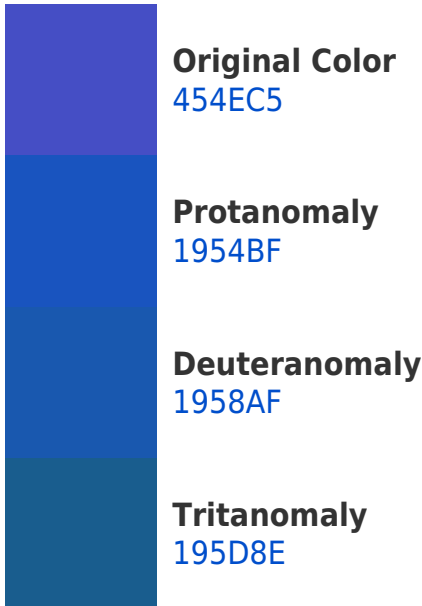
## Dichromacy



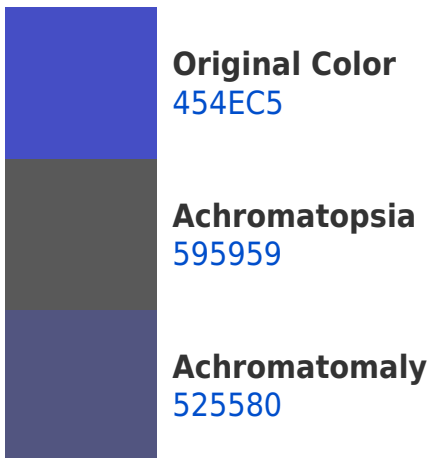


**Tritanopia**  
00666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454EC5 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 #454EC5 looks like.

```
.text, #text, p{  
    color:#454EC5  
}
```

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 #454EC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454EC5
}
```

## Border

The CSS property to change the border of an element to Hex 454EC5 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
#454EC5 }
```

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

```
.border{ border-color:#454EC5 }
```

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

Here you see how a box with a 4 pixel #454EC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454EC5; -webkit-box-shadow:4px 4px  
4px 4px #454EC5; box-shadow:4px 4px 4px  
4px #454EC5 }
```

# Background

The CSS property to change the background color of an element to Hex 454EC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454EC5 }
```

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

```
.background{ background-color:#454EC5 }
```

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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