

# Converting Colors

Hex(4E4BEC)

Have a look what the booklet for  
Hex(4E4BEC) contains.

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# Color

Hex(4E4BEC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E4BEC
RGB	78, 75, 236
RGB Percent	31%, 29%, 93%
CMY	0.6941, 0.7059, 0.0745
CMYK	0.67, 0.68, 0.00, 0.07
HSL	241°, 81%, 61%
HSV	241°, 68%, 93%
XYZ	20.7983, 12.7080, 80.7136
YIQ	94.2510, -49.8930, 50.7070

# Conversions

## Conversions Part 2

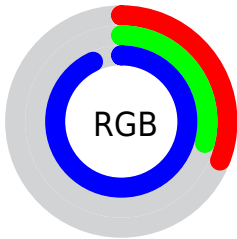
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 75, 236
Decimal	5131244
CIE <sub>Lab</sub>	42.32, 49.92, -80.45
CIE <sub>LCh</sub>	42, 94.684, 301.819
Yxy	12.7080, 0.1821, 0.1113
Android (android.graphics.Color)	4283321324 (0xFF4E4BEC)
YUV	94.2510, 69.8823, -14.2521
Hunter-Lab	35.6483, 41.7579, -109.2886

# Details

The Hex color **4E4BEC** 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 **E9EC4B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **917DFF**, and **001DB3** is the 20% darker color. If you saturate the color by 10%, you get **3733EC**, and if you desaturate by 10%, it is **6563EC**.

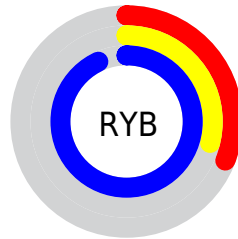
# Distribution



Red (31%)

Green (29%)

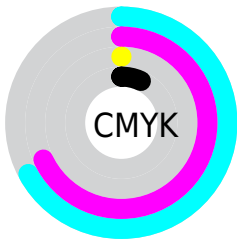
Blue (93%)



Red (31%)

Yellow (29%)

Blue (93%)

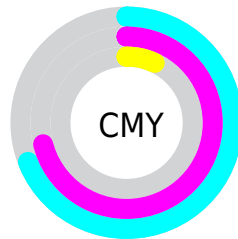


Cyan (67%)

Magenta (68%)

Yellow (0%)

Black (7%)



Cyan (69%)

Magenta (71%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E4BEC 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 4E4BEC by changing the saturation by 10% instead.




 4E4BEC

 4E4BEC

FFFFFF

 2133CF

 917DFF

 001DB3

 B097FF

 000797

 CFB2FF

 00007C

 EECEFF

 000362

 FFE8FF

 000949

 000432

 00011C

 000000

■ 4E4BEC

■ 4E4BEC

■ 3733EC

■ 6563EC

■ 201CEC

■ 7C7AEC

■ 0904EC

■ 9392EC

■ 0400EC

■ ABA9EC

■ C2C1EC

■ D9D9EC

■ F0F0EC

■ FFFFEC

# Harmonies

## Analogous

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



006FFF



4E4BEC



BF00AF

# Triad

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



4E4BEC



B23D00



008067

# Complementary

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



4E4BEC



E9EC4B

# 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.



007D04



4E4BEC



766300

# Square

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



4E4BEC



D90016



127500



0081B6

# Rectangle

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



4E4BEC



DC007D



127500



007F4B



# Sweetspot

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



4E4BEC



CDCCFF



4BE9EC



616180



000000



808080



# Same Dimension

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



4E4BEC



322EFF



9E4BEC



6A6A75



0300B5



010036



# Inverse Universe

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



EC4BE9



FF2EFB



99EC4B



756A75



B500B2

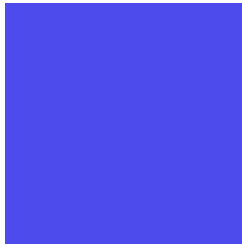


360035



# Previews

## White Background



This preview shows how the Hex color 4E4BEC looks on a white background.

## Color Contrast Check

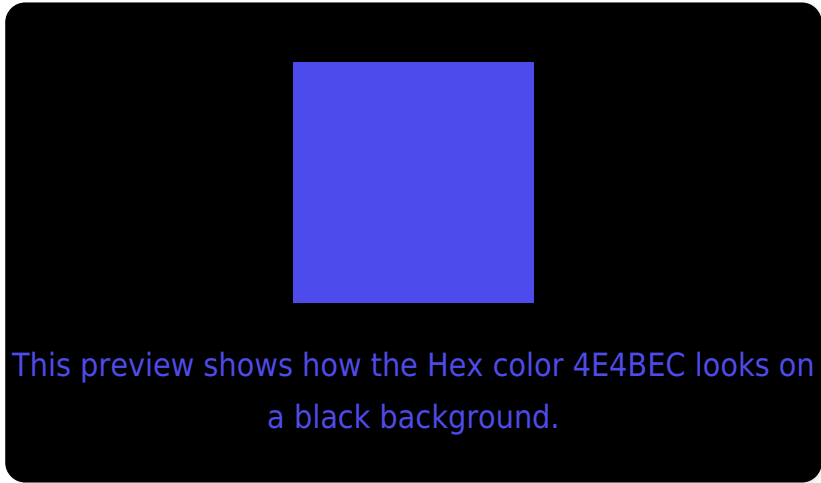
Large Text (above 18pt) WCAG AA ✓ Pass

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

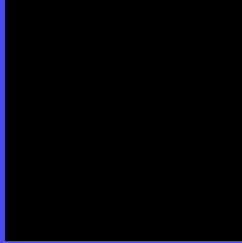
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E4BEC Background



This preview shows how black text looks on a background with the Hex color 4E4BEC.



This preview shows how white text looks on a background with the Hex color 4E4BEC.

# 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](#).

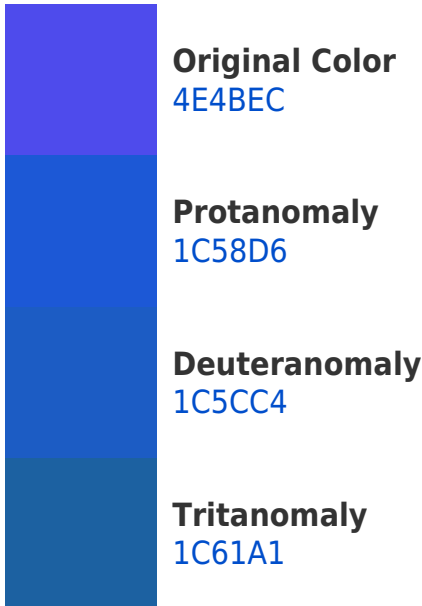
## Dichromacy





**Tritanopia**  
006E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E4BEC 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 #4E4BEC looks like.

```
.text, #text, p{  
    color:#4E4BEC  
}
```

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 #4E4BEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4BEC
}
```

## Border

The CSS property to change the border of an element to Hex 4E4BEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

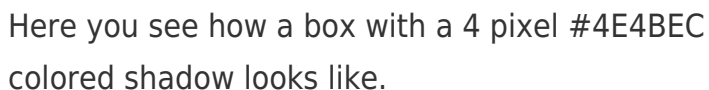
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E4BEC }
```

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

```
.border{ border-color:#4E4BEC }
```

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



Here you see how a box with a 4 pixel #4E4BEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4BEC; -webkit-box-shadow:4px 4px  
4px 4px #4E4BEC; box-shadow:4px 4px 4px  
4px #4E4BEC }
```

# Background

The CSS property to change the background color of an element to Hex 4E4BEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4BEC }
```

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

```
.background{ background-color:#4E4BEC }
```

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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