

Converting Colors

Hex(4E4ED5)

Have a look what the booklet for
Hex(4E4ED5) contains.

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Color

Hex(4E4ED5)

Conversions

Conversions Part 1

Format	Color
Hex	4E4ED5
RGB	78, 78, 213
RGB Percent	31%, 31%, 84%
CMY	0.6941, 0.6941, 0.1647
CMYK	0.63, 0.63, 0.00, 0.16
HSL	240°, 62%, 57%
HSV	240°, 63%, 84%
XYZ	17.8765, 11.8726, 64.3002
YIQ	93.3900, -43.3350, 41.9850

Conversions

Conversions Part 2

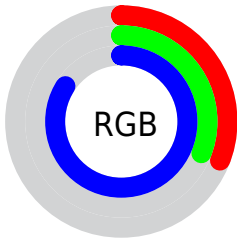
Format	Color
RYB	78, 78, 213
Decimal	5131989
CIELab	41.01, 40.73, -69.50
CIELCh	41, 80.553, 300.372
Yxy	11.8726, 0.1901, 0.1262
Android (android.graphics.Color)	4283322069 (0xFF4E4ED5)
YUV	93.3900, 58.9677, -13.4970
Hunter-Lab	34.4566, 32.3090, -86.5228

Details

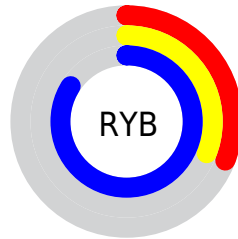
The Hex color **4E4ED5** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D5D54E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8C80FF**, and **00219D** is the 20% darker color. If you saturate the color by 10%, you get **3939D5**, and if you desaturate by 10%, it is **6363D5**.

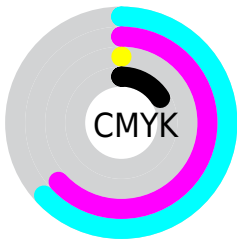
Distribution



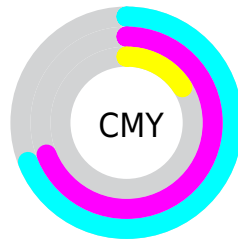
- Red (31%)
- Green (31%)
- Blue (84%)



- Red (31%)
- Yellow (31%)
- Blue (84%)



- Cyan (63%)
- Magenta (63%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4ED5 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 4E4ED5 by changing the saturation by 10% instead.

 4E4ED5

 4E4ED5

FFFFFF

 2837B9

 8C80FF

 00219D

 AA9AFF

 000D82

 C9B5FF

 000068

 E7D0FF

 00094F

 FFEDFF

 000537

 000221

 000006

 000000

■ 4E4ED5

■ 4E4ED5

■ 3939D5

■ 6363D5

■ 2323D5

■ 7979D5

■ 0E0ED5

■ 8E8ED5

■ 0000D5

■ A3A3D5

■ B9B9D5

■ CECED5

■ E3E3D5

■ F8F8D5

■ FFFFD5

Harmonies

Analogous

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



006AE8



4E4ED5



AC11A3

Triad

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



4E4ED5



A84000



007A60

Complementary

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



4E4ED5



D5D54E

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.



007714



4E4ED5



765F00

Square

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



4E4ED5



C80023



306F00



007BA3

Rectangle

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



4E4ED5



C70079



306F00



007948

Sweetspot

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



4E4ED5



CFCFFF



4ED5D5



626280



000000



808080

Same Dimension

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



4E4ED5



3D3DFF



924ED5



60606B



0000AB



00002B

Inverse Universe

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



D54ED5



FF3DFF



92D54E



6B606B



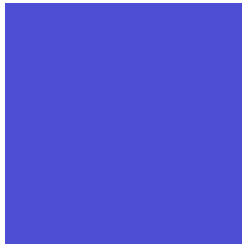
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 4E4ED5 looks on a white background.

Color Contrast Check

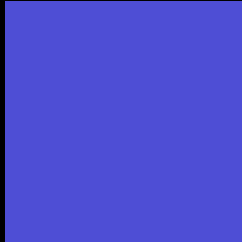
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4E4ED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

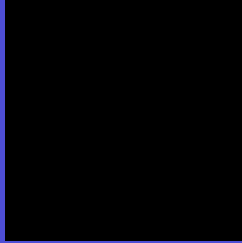
Any Text WCAG AA × Fail

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 4E4ED5 Background



This preview shows how black text looks on a background with the Hex color 4E4ED5.

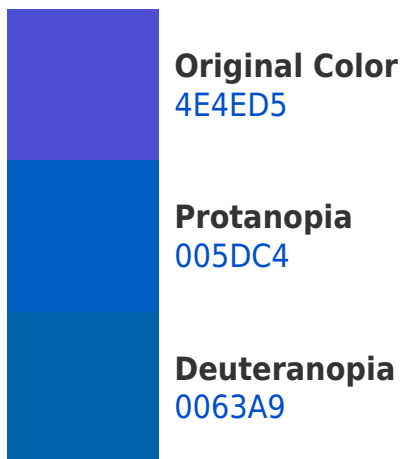


This preview shows how white text looks on a background with the Hex color 4E4ED5.

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](#).

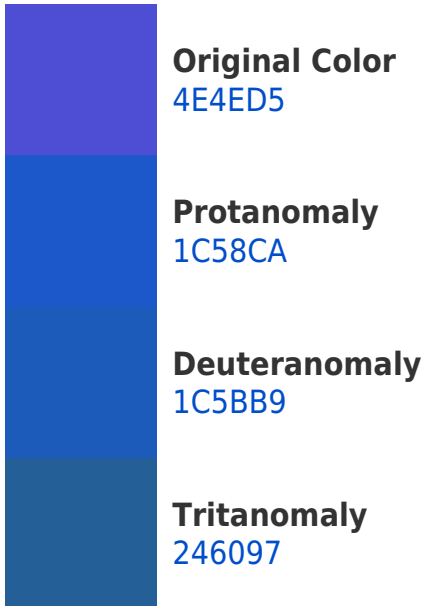
Dichromacy





Tritanopia
0C6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4ED5 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 #4E4ED5 looks like.

```
.text, #text, p{  
    color:#4E4ED5  
}
```

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 #4E4ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4ED5
}
```

Border

The CSS property to change the border of an element to Hex 4E4ED5 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
#4E4ED5 }
```

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

```
.border{ border-color:#4E4ED5 }
```

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

Here you see how a box with a 4 pixel #4E4ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4ED5; -webkit-box-shadow:4px 4px  
4px 4px #4E4ED5; box-shadow:4px 4px 4px  
4px #4E4ED5 }
```

Background

The CSS property to change the background color of an element to Hex 4E4ED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4ED5 }
```

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

```
.background{ background-color:#4E4ED5 }
```

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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