

Converting Colors

Hex(4E36D3)

Have a look what the booklet for
Hex(4E36D3) contains.

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Color

Hex(4E36D3)

Conversions

Conversions Part 1

Format	Color
Hex	4E36D3
RGB	78, 54, 211
RGB Percent	31%, 21%, 83%
CMY	0.6941, 0.7882, 0.1725
CMYK	0.63, 0.74, 0.00, 0.17
HSL	249°, 64%, 52%
HSV	249°, 74%, 83%
XYZ	16.2189, 8.9612, 62.5029
YIQ	79.0740, -36.0930, 53.9150

Conversions

Conversions Part 2

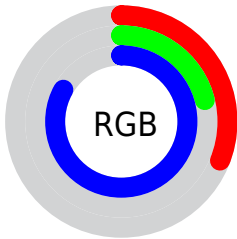
Format	Color
R _Y B	78, 54, 211
Decimal	5125843
CIE Lab	35.91, 53.58, -76.72
CIE LCh	36, 93.578, 304.932
Yxy	8.9612, 0.1850, 0.1022
Android (android.graphics.Color)	4283315923 (0xFF4E36D3)
YUV	79.0740, 65.0395, -0.9419
Hunter-Lab	29.9352, 44.3247, -102.8391

Details

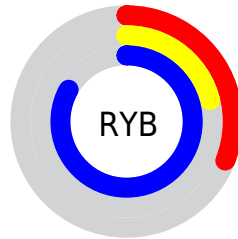
The Hex color **4E36D3** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BBD336**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8E68FF**, and **00029B** is the 20% darker color. If you saturate the color by 10%, you get **3C21D3**, and if you desaturate by 10%, it is **604BD3**.

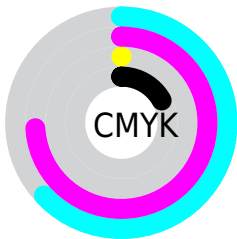
Distribution



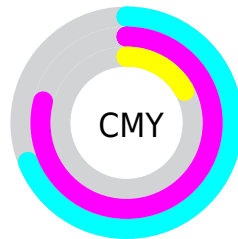
- Red (31%)
- Green (21%)
- Blue (83%)



- Red (31%)
- Yellow (21%)
- Blue (83%)



- Cyan (63%)
- Magenta (74%)
- Yellow (0%)
- Black (17%)



- Cyan (69%)
- Magenta (79%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E36D3 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 4E36D3 by changing the saturation by 10% instead.

 4E36D3

 4E36D3

FFFFFF

 261DB7

 8E68FF

 00029B

 AC82FF

 000080

 CB9DFF

 000066

 E9B8FF

 000A4D

 FFD4FF

 000535

 FFF1FF

 00021F

 000002

 000000

■ 4E36D3

■ 4E36D3

■ 3C21D3

■ 604BD3

■ 2A0CD3

■ 7260D3

■ 2000D3

■ 8475D3

■ 958AD3

■ A7A0D3

■ B9B5D3

■ CBCAD3

■ DDDFD3

■ EFF4D3

Harmonies

Analogous

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



005EEF



4E36D3



B10096

Triad

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



4E36D3



983300



006E60

Complementary

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



4E36D3



BBD336

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.



006C02



4E36D3



5D5600

Square

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



4E36D3



C00000



006600



0070AA

Rectangle

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



4E36D3



C90065



006600



006E45

Sweetspot

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



4E36D3



CFC7FF



36BBD3



635E80



000000



808080

Same Dimension

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



4E36D3



3F1CFF



9C36D3



605E69



1A00A8



060029

Inverse Universe

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



D336BB



FF1CDC



6DD336



695E67



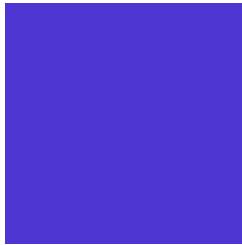
A8008F



290023

Previews

White Background



This preview shows how the Hex color 4E36D3 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

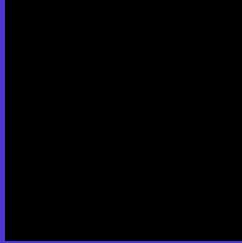
Any Text WCAG AA × Fail

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 4E36D3 Background



This preview shows how black text looks on a background with the Hex color 4E36D3.

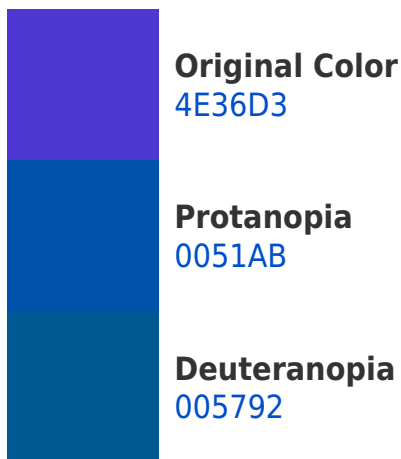


This preview shows how white text looks on a background with the Hex color 4E36D3.

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
005D65

Trichromacy



Original Color
4E36D3



Protanomaly
1C47BA



Deuteranomaly
1C4BAA



Tritanomaly
1C4F8D

Monochromacy



Original Color
4E36D3



Achromatopsia
4F4F4F



Achromatomaly
4F467F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E36D3 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 #4E36D3 looks like.

```
.text, #text, p{  
    color:#4E36D3  
}
```

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 #4E36D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E36D3
}
```

Border

The CSS property to change the border of an element to Hex 4E36D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

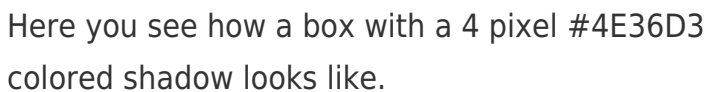
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E36D3 }
```

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

```
.border{ border-color:#4E36D3 }
```

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



Here you see how a box with a 4 pixel #4E36D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E36D3; -webkit-box-shadow:4px 4px  
4px 4px #4E36D3; box-shadow:4px 4px 4px  
4px #4E36D3 }
```

Background

The CSS property to change the background color of an element to Hex 4E36D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E36D3 }
```

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

```
.background{ background-color:#4E36D3 }
```

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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