

Converting Colors

Hex(4D51E0)

Have a look what the booklet for
Hex(4D51E0) contains.

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Color

Hex(4D51E0)

Conversions

Conversions Part 1

Format	Color
Hex	4D51E0
RGB	77, 81, 224
RGB Percent	30%, 32%, 88%
CMY	0.6980, 0.6824, 0.1216
CMYK	0.66, 0.64, 0.00, 0.12
HSL	238°, 70%, 59%
HSV	238°, 66%, 88%
XYZ	19.4575, 12.8445, 71.9747
YIQ	96.1060, -48.2870, 43.6250

Conversions

Conversions Part 2

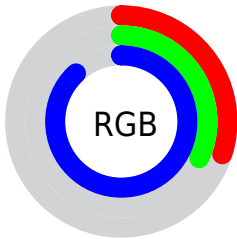
Format	Color
RYB	77, 81, 224
Decimal	5067232
CIELab	42.53, 42.41, -73.31
CIElCh	43, 84.693, 300.047
Yxy	12.8445, 0.1866, 0.1232
Android (android.graphics.Color)	4283257312 (0xFF4D51E0)
YUV	96.1060, 63.0517, -16.7560
Hunter-Lab	35.8392, 34.1914, -93.9829

Details

The Hex color **4D51E0** 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 **E0DC4D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D83FF**, and **0024A7** is the 20% darker color. If you saturate the color by 10%, you get **373BE0**, and if you desaturate by 10%, it is **6367E0**.

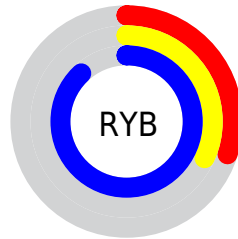
Distribution



Red (30%)

Green (32%)

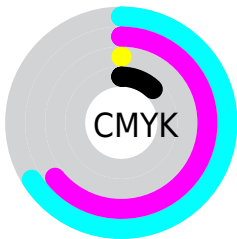
Blue (88%)



Red (30%)

Yellow (32%)

Blue (88%)

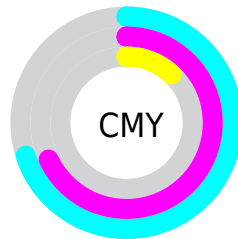


Cyan (66%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (70%)

Magenta (68%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D51E0 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 4D51E0 by changing the saturation by 10% instead.

 4D51E0

 4D51E0

FFFFFF

 243AC3

 8D83FF

 0024A7

 AC9DFF

 000F8C

 CAB8FF

 000072

 E9D4FF

 000558

 FFF0FF

 000740

 000329

 000113

 000000

■ 4D51E0

■ 4D51E0

■ 373BE0

■ 6367E0

■ 2025E0

■ 7A7DE0

■ 0A10E0

■ 9092E0

■ 0006E0

■ A7A8E0

■ BDBEE0

■ D3D4E0

■ EAEAE0

■ FFFF00

Harmonies

Analogous

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



006FF3



4D51E0



B40AAC

Triad

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



4D51E0



B04100



007F63

Complementary

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



4D51E0



E0DC4D

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.



007C10



4D51E0



7B6200

Square

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



4D51E0



D10024



317300



0080AA

Rectangle

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



4D51E0



D0007F



317300



007E4A

Sweetspot

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



4D51E0



CCCDFF



4DE0DB



616280



000000



808080

Same Dimension

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



4D51E0



363BFF



924DE0



656570



0005B0



000130

Inverse Universe

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



E04D51



FF363B



9BE04D



706565



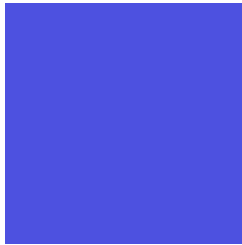
B00005



300001

Previews

White Background



This preview shows how the Hex color 4D51E0 looks on a white background.

Color Contrast Check

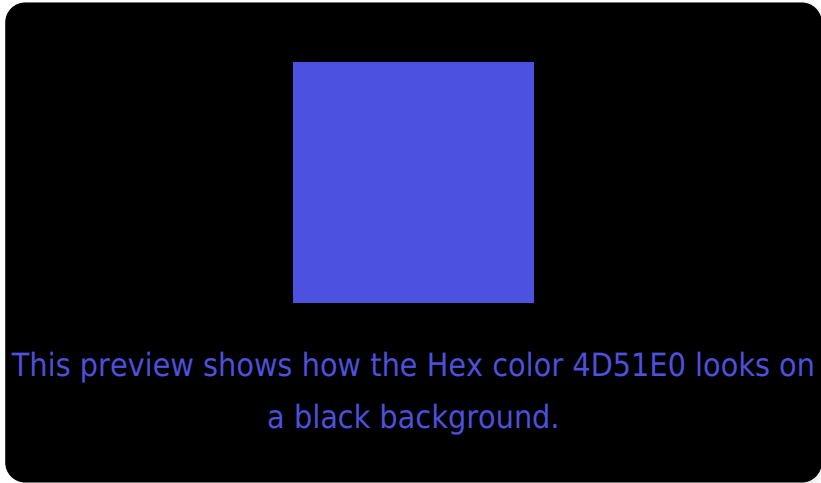
Large Text (above 18pt) WCAG AA ✓ Pass

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

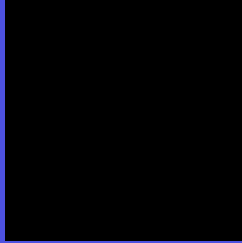
Any Text WCAG AA × Fail

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 4D51E0 Background



This preview shows how black text looks on a background with the Hex color 4D51E0.

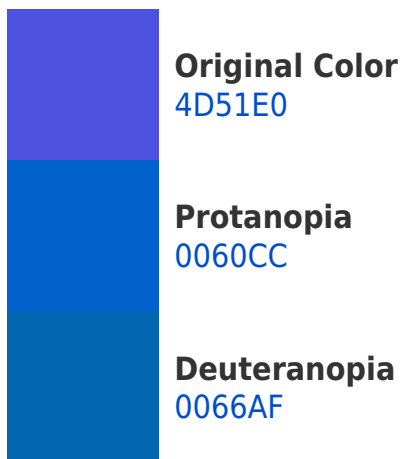


This preview shows how white text looks on a background with the Hex color 4D51E0.

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](#).

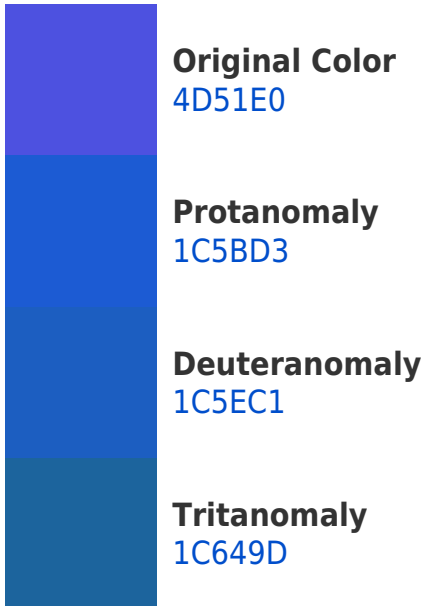
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D51E0 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 #4D51E0 looks like.

```
.text, #text, p{  
    color:#4D51E0  
}
```

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 #4D51E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D51E0
}
```

Border

The CSS property to change the border of an element to Hex 4D51E0 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
#4D51E0 }
```

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

```
.border{ border-color:#4D51E0 }
```

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

Here you see how a box with a 4 pixel #4D51E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D51E0; -webkit-box-shadow:4px 4px  
4px 4px #4D51E0; box-shadow:4px 4px 4px  
4px #4D51E0 }
```

Background

The CSS property to change the background color of an element to Hex 4D51E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D51E0 }
```

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

```
.background{ background-color:#4D51E0 }
```

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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