

Converting Colors

Hex(481EBD)

Have a look what the booklet for
Hex(481EBD) contains.

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Color

Hex(481EBD)

Conversions

Conversions Part 1

Format	Color
Hex	481EBD
RGB	72, 30, 189
RGB Percent	28%, 12%, 74%
CMY	0.7176, 0.8824, 0.2588
CMYK	0.62, 0.84, 0.00, 0.26
HSL	256°, 73%, 43%
HSV	256°, 84%, 74%
XYZ	12.3221, 5.9804, 48.6490
YIQ	60.6840, -26.0070, 58.3530

Conversions

Conversions Part 2

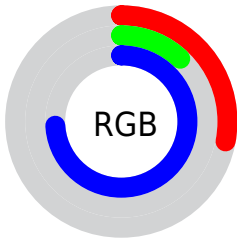
Format	Color
R_{YB}	72, 30, 189
Decimal	4726461
CIE _{Lab}	29.36, 57.53, -74.69
CIE _{LCh}	29, 94.273, 307.605
Yxy	5.9804, 0.1840, 0.0893
Android (android.graphics.Color)	4282916541 (0xFF481EBD)
YUV	60.6840, 63.2598, 9.9241
Hunter-Lab	24.4548, 47.1449, -100.8297

Details

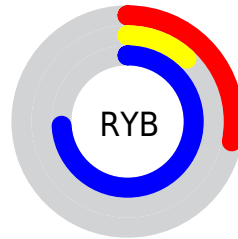
The Hex color **481EBD** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **93BD1E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8752F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **3A0BBD**, and if you desaturate by 10%, it is **5631BD**.

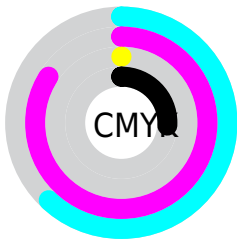
Distribution



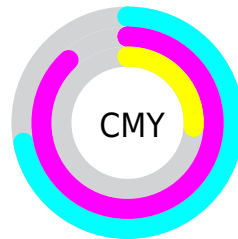
- Red (28%)
- Green (12%)
- Blue (74%)



- Red (28%)
- Yellow (12%)
- Blue (74%)



- Cyan (62%)
- Magenta (84%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (88%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 481EBD 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 481EBD by changing the saturation by 10% instead.

■ 481EBD

■ 481EBD

FFFFFF

■ 2100A1

■ 8752F7

■ 000086

■ A56CFF

■ 00006C

■ C387FF

■ 000252

■ E1A2FF

■ 00063A

■ FFBEFF

■ 000224

■ FFDAFF

■ 00000B

■ FFF7FF

■ 000000

■ 481EBD

■ 481EBD

■ 3A0BBD

■ 5631BD

■ 3200BD

■ 6444BD

■ 7257BD

■ 806ABD

■ 8E7DBD

■ 9B8FBD

■ A9A2BD

■ B7B5BD

■ C5C8BD

Harmonies

Analogous

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



004DDC



481EBD



A3007F

Triad

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



481EBD



7F2800



005D57

Complementary

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



481EBD



93BD1E

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.



005A00



481EBD



454900

Square

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



481EBD



A90000



005600



005F9F

Rectangle

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



481EBD



B6004F



005600



005C3D

Sweetspot

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



481EBD



C8B8F5



1E95BD



5F567A



FAFAFA



7A7A7A

Same Dimension

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



481EBD



4100F5



951EBD



57555E



2A009E



08001F

Inverse Universe

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



BD1E93



F500B4



46BD1E



5E555C



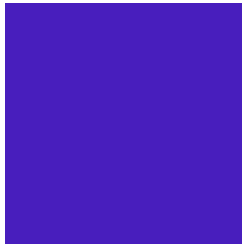
9E0074



1F0017

Previews

White Background



This preview shows how the Hex color 481EBD 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

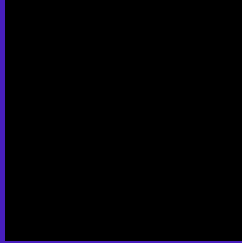
Any Text WCAG AA × Fail

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 481EBD Background



This preview shows how black text looks on a background with the Hex color 481EBD.

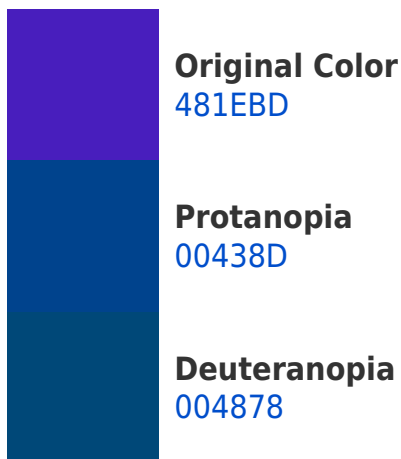


This preview shows how white text looks on a background with the Hex color 481EBD.

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
004D53

Trichromacy



Original Color
481EBD

Protanomaly
1A369E

Deuteranomaly
1A3991

Tritanomaly
1A3C7A

Monochromacy



Original Color
481EBD

Achromatopsia
3D3D3D

Achromatomaly
41326C

CSS Examples

Text

The CSS property to change the color of the text to Hex 481EBD 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 #481EBD looks like.

```
.text, #text, p{  
    color:#481EBD  
}
```

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 #481EBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481EBD
}
```

Border

The CSS property to change the border of an element to Hex 481EBD 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".

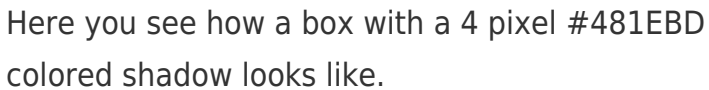
```
.border, #border, table{ border:4px solid
#481EBD }
```

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

```
.border{ border-color:#481EBD }
```

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

Here you see how a box with a 4 pixel #481EBD colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481EBD; -webkit-box-shadow:4px 4px  
4px 4px #481EBD; box-shadow:4px 4px 4px  
4px #481EBD }
```

Background

The CSS property to change the background color of an element to Hex 481EBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481EBD }
```

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

```
.background{ background-color:#481EBD }
```

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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