

Converting Colors

Hex(381AD2)

Have a look what the booklet for
Hex(381AD2) contains.

Hex(381AD2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(381AD2)

Conversions

Conversions Part 1

Format	Color
Hex	381AD2
RGB	56, 26, 210
RGB Percent	22%, 10%, 82%
CMY	0.7804, 0.8980, 0.1765
CMYK	0.73, 0.88, 0.00, 0.18
HSL	250°, 78%, 46%
HSV	250°, 88%, 82%
XYZ	13.6331, 6.2327, 61.4572
YIQ	55.9460, -41.1840, 63.5840

Conversions

Conversions Part 2

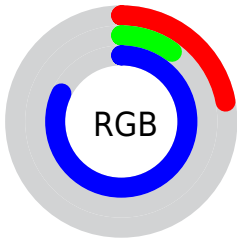
Format	Color
RYB	56, 26, 210
Decimal	3676882
CIELab	29.99, 63.49, -85.99
CIELCh	30, 106.888, 306.440
Yxy	6.2327, 0.1676, 0.0766
Android (android.graphics.Color)	4281866962 (0xFF381AD2)
YUV	55.9460, 75.9486, 0.0474
Hunter-Lab	24.9653, 53.7864, -128.4786

Details

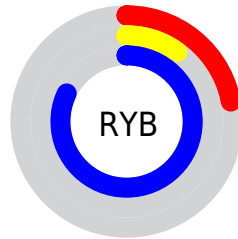
The Hex color **381AD2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B4D21A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7F50FF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **2605D2**, and if you desaturate by 10%, it is **4A2FD2**.

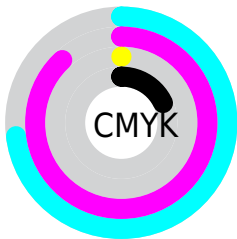
Distribution



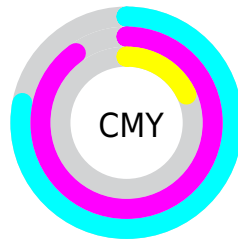
- Red (22%)
- Green (10%)
- Blue (82%)



- Red (22%)
- Yellow (10%)
- Blue (82%)



- Cyan (73%)
- Magenta (88%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (90%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 381AD2 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 381AD2 by changing the saturation by 10% instead.

 381AD2

 381AD2


FFFFFF

 0000B6

 7F50FF

 00009A

 9F6AFF

 00007F

 BE85FF

 000165

 DEA0FF

 00094B

 FDBCFF

 000434

 FFD8FF

 00021E

 FFF5FF

 000000

 381AD2

 381AD2

■ 2605D2

■ 4A2FD2

■ 2200D2

■ 5B44D2

■ 6D59D2

■ 7E6ED2

■ 9083D2

■ A198D2

■ B3ADD2

■ C5C2D2

■ D6D7D2

Harmonies

Analogous

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



0052F5



381AD2



AE008B

Triad

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



381AD2



891F00



006058

Complementary

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



381AD2



B4D21A

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.



005D00



381AD2



474A00

Square

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



381AD2



B60000



005900



0062AB

Rectangle

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



381AD2



C50055



005900



005F3A

Sweetspot

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



381AD2



C8BDFF



1AB6D2



5E5880



000000



808080

Same Dimension

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



381AD2



2A00FF



921AD2



605E69



1B00A8



070029

Inverse Universe

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



D21AB4



FF00D5



5AD21A



695E67



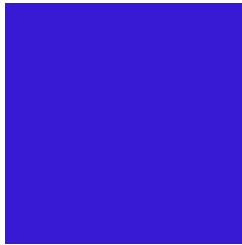
A8008D



290022

Previews

White Background



This preview shows how the Hex color 381AD2 looks on a white background.

Color Contrast Check

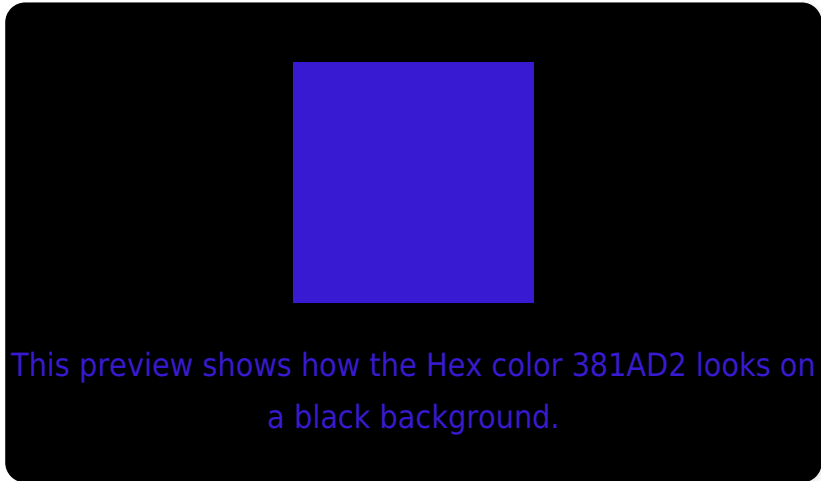
Large Text (above 18pt) WCAG AA ✓ Pass

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

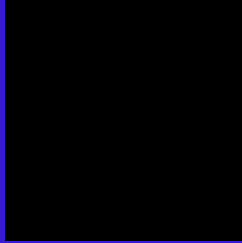
Any Text WCAG AA × Fail

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 381AD2 Background



This preview shows how black text looks on a background with the Hex color 381AD2.



This preview shows how white text looks on a background with the Hex color 381AD2.

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



Original Color
381AD2

Protanopia
00448F

Deuteranopia
00497A



Tritanopia
004F53

Trichromacy



Original Color
381AD2

Protanomaly
1435A7

Deuteranomaly
14389A

Tritanomaly
143C81

Monochromacy



Original Color
381AD2

Achromatopsia
383838

Achromatomaly
382D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 381AD2 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 #381AD2 looks like.

```
.text, #text, p{  
    color:#381AD2  
}
```

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 #381AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #381AD2
}
```

Border

The CSS property to change the border of an element to Hex 381AD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

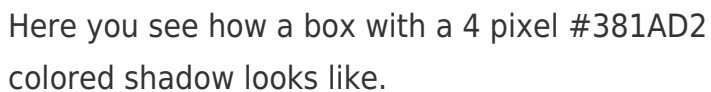
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#381AD2 }
```

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

```
.border{ border-color:#381AD2 }
```

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



Here you see how a box with a 4 pixel #381AD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #381AD2; -webkit-box-shadow:4px 4px  
4px 4px #381AD2; box-shadow:4px 4px 4px  
4px #381AD2 }
```

Background

The CSS property to change the background color of an element to Hex 381AD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#381AD2 }
```

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

```
.background{ background-color:#381AD2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor