

Converting Colors

Hex(381AE6)

Have a look what the booklet for
Hex(381AE6) contains.

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Color

Hex(381AE6)

Conversions

Conversions Part 1

Format	Color
Hex	381AE6
RGB	56, 26, 230
RGB Percent	22%, 10%, 90%
CMY	0.7804, 0.8980, 0.0980
CMYK	0.76, 0.89, 0.00, 0.10
HSL	249°, 80%, 50%
HSV	249°, 89%, 90%
XYZ	16.2832, 7.2927, 75.4123
YIQ	58.2260, -47.6040, 69.8040

Conversions

Conversions Part 2

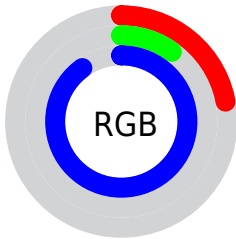
Format	Color
R _{YB}	56, 26, 230
Decimal	3676902
CIE Lab	32.46, 68.80, -93.39
CIE LCh	32, 115.999, 306.377
Yxy	7.2927, 0.1645, 0.0737
Android (android.graphics.Color)	4281866982 (0xFF381AE6)
YUV	58.2260, 84.6846, -1.9522
Hunter-Lab	27.0050, 60.3713, -146.6656

Details

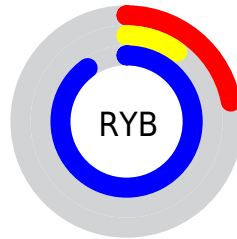
The Hex color **381AE6** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **C8E61A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8452FF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **2403E6**, and if you desaturate by 10%, it is **4C31E6**.

Distribution



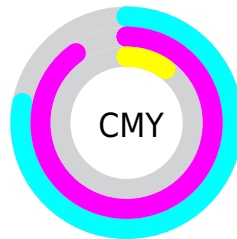
- Red (22%)
- Green (10%)
- Blue (90%)



- Red (22%)
- Yellow (10%)
- Blue (90%)



- Cyan (76%)
- Magenta (89%)
- Yellow (0%)
- Black (10%)



- Cyan (78%)
- Magenta (90%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 381AE6 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 381AE6 by changing the saturation by 10% instead.

 381AE6

 381AE6

FFFFFF

 0000C9

 8452FF

 0000AD

 A56CFF

 000091

 C587FF

 000076

 E4A3FF

 000E5C

 FFBFFF

 000744

 FFD0FF

 00032C

 FFF9FF

 000117

 000000

■ 381AE6

■ 381AE6

■ 2403E6

■ 4C31E6

■ 2200E6

■ 5F48E6

■ 735FE6

■ 8676E6

■ 9A8DE6

■ AEA4E6

■ C1BBE6

■ D5D2E6

■ E9E9E6

Harmonies

Analogous

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



0059FF



381AE6



BD0098

Triad

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



381AE6



942000



00675F

Complementary

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



381AE6



C8E61A

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.



006500



381AE6



4D5100

Square

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



381AE6



C70000



006000



006ABB

Rectangle

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



381AE6



D7005C



006000



00663F

Sweetspot

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



381AE6



C4BAFF



1ACBE6



5D5780



000000



808080

Same Dimension

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



381AE6



2600FF



9B1AE6



696773



1A00B3



080033

Inverse Universe

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



E61AC8



FF00D9



65E61A



736771



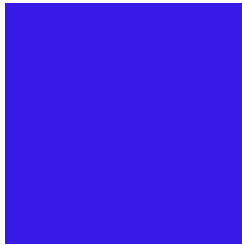
B30098



33002B

Previews

White Background



This preview shows how the Hex color 381AE6 looks on a white background.

Color Contrast Check

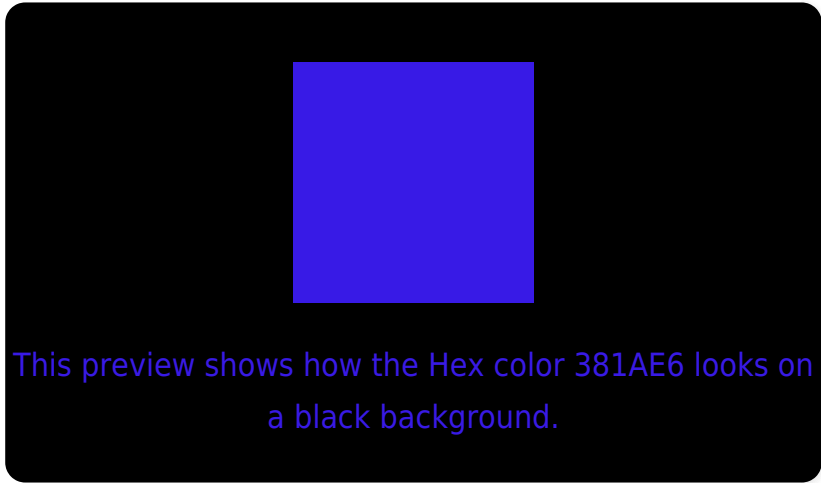
Large Text (above 18pt) WCAG AA ✓ Pass

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

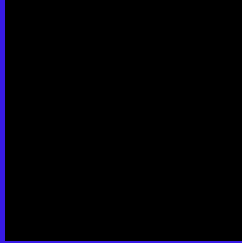
Any Text WCAG AA × Fail

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 381AE6 Background



This preview shows how black text looks on a background with the Hex color 381AE6.

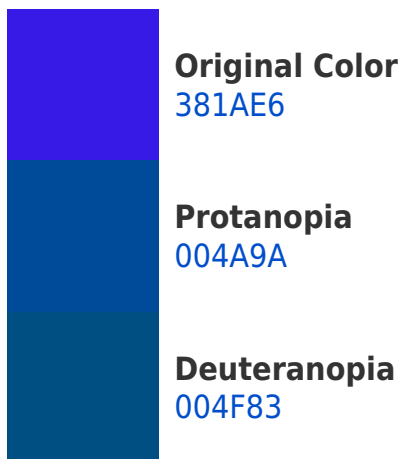


This preview shows how white text looks on a background with the Hex color 381AE6.

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



Trichromacy



Original Color
381AE6

Protanomaly
1439B6

Deuteranomaly
143CA7

Tritanomaly
14408C

Monochromacy



Original Color
381AE6

Achromatopsia
3A3A3A

Achromatomaly
392E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 381AE6 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 #381AE6 looks like.

```
.text, #text, p{  
    color:#381AE6  
}
```

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 #381AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #381AE6
}
```

Border

The CSS property to change the border of an element to Hex 381AE6 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
#381AE6 }
```

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

```
.border{ border-color:#381AE6 }
```

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

Here you see how a box with a 4 pixel #381AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #381AE6; -webkit-box-shadow:4px 4px  
4px 4px #381AE6; box-shadow:4px 4px 4px  
4px #381AE6 }
```

Background

The CSS property to change the background color of an element to Hex 381AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#381AE6 }
```

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

```
.background{ background-color:#381AE6 }
```

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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