

Converting Colors

Hex(501DDB)

Have a look what the booklet for
Hex(501DDB) contains.

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Color

Hex(501DDB)

Conversions

Conversions Part 1	
Format	Color
Hex	501DDB
RGB	80, 29, 219
RGB Percent	31%, 11%, 86%
CMY	0.6863, 0.8863, 0.1412
CMYK	0.63, 0.87, 0.00, 0.14
HSL	256°, 77%, 49%
HSV	256°, 87%, 86%
XYZ	16.5338, 7.6987, 67.6324
YIQ	65.9090, -30.5940, 69.9020

Conversions

Conversions Part 2

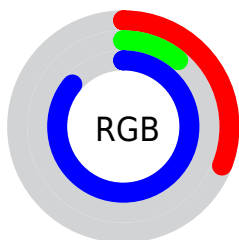
Format	Color
RYB	80, 29, 219
Decimal	5250523
CIELab	33.35, 66.41, -85.56
CIELCh	33, 108.312, 307.817
Yxy	7.6987, 0.1800, 0.0838
Android (android.graphics.Color)	4283440603 (0xFF501DDB)
YUV	65.9090, 75.4739, 12.3578
Hunter-Lab	27.7465, 57.8097, -125.0975

Details

The Hex color **501DDB** 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 **A8DB1D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9255FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **4007DB**, and if you desaturate by 10%, it is **6033DB**.

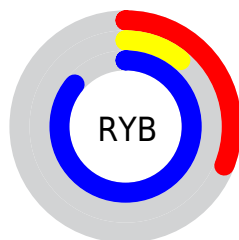
Distribution



Red (31%)

Green (11%)

Blue (86%)



Red (31%)

Yellow (11%)

Blue (86%)

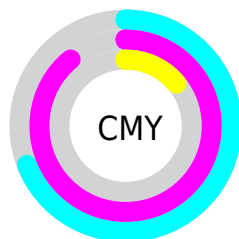


Cyan (63%)

Magenta (87%)

Yellow (0%)

Black (14%)



Cyan (69%)

Magenta (89%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501DDB 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 501DDB by changing the saturation by 10% instead.

 501DDB

 501DDB

FFFFFF

 2600BE

 9255FF

 0000A2

 B170FF

 000087

 D08BFF

 00006D

 EFA6FF

 000B53

 FFC2FF

 00063B

 FFDFFF

 000224

 FFFCFF

 00000C

 000000

 501DDB

 501DDB

 4007DB

 6033DB

 3B00DB

 7049DB

 805FDB

 9075DB

 A08BDB

 B0A0DB

 C0B6DB

 D0CCDB

 E0E2DB

Harmonies

Analogous

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



0058FF



501DDB



BC0091

Triad

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



501DDB



912B00



006964

Complementary

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



501DDB



A8DB1D

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.



006700



501DDB



4C5300

Square

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



501DDB



C10000



006200



006CB9

Rectangle

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



501DDB



D30059



006200



006846

Sweetspot

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



501DDB



CEBDFE



1DA8DB



635880



000000



808080

Same Dimension

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



501DDB



4400FF



AF1DDB



66636E



2F00AD



0C002E

Inverse Universe

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



DB1DA8



FF00BB



49DB1D



6E636B



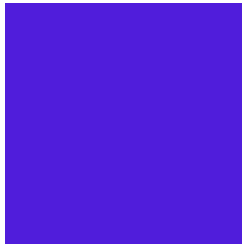
AD007F



2E0022

Previews

White Background



This preview shows how the Hex color 501DDB looks on a white background.

Color Contrast Check

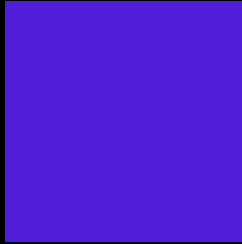
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 501DDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

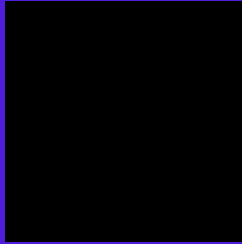
Any Text WCAG AA × Fail

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 501DDB Background



This preview shows how black text looks on a background with the Hex color 501DDB.



This preview shows how white text looks on a background with the Hex color 501DDB.

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
501DDB





Protanopia
004C9F

Deuteranopia
005188






Tritanopia
00575E

Trichromacy

	Original Color 501DDB
	Protanomaly 1D3BB5
	Deuteranomaly 1D3EA6
	Tritanomaly 1D428B

Monochromacy

	Original Color 501DDB
	Achromatopsia 424242
	Achromatomaly 47357A

CSS Examples

Text

The CSS property to change the color of the text to Hex 501DDB 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 #501DDB looks like.

```
.text, #text, p{  
    color:#501DDB  
}
```

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 #501DDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501DDB
}
```

Border

The CSS property to change the border of an element to Hex 501DDB 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
#501DDB }
```

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

```
.border{ border-color:#501DDB }
```

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

Here you see how a box with a 4 pixel #501DDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501DDB; -webkit-box-shadow:4px 4px  
4px 4px #501DDB; box-shadow:4px 4px 4px  
4px #501DDB }
```

Background

The CSS property to change the background color of an element to Hex 501DDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501DDB }
```

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

```
.background{ background-color:#501DDB }
```

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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