

Converting Colors

Hex(502ADC)

Have a look what the booklet for
Hex(502ADC) contains.

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Color

Hex(502ADC)

Conversions

Conversions Part 1

Format	Color
Hex	502ADC
RGB	80, 42, 220
RGB Percent	31%, 16%, 86%
CMY	0.6863, 0.8353, 0.1373
CMYK	0.64, 0.81, 0.00, 0.14
HSL	253°, 72%, 51%
HSV	253°, 81%, 86%
XYZ	17.0545, 8.5287, 68.4575
YIQ	73.6540, -34.4900, 63.4140

Conversions

Conversions Part 2

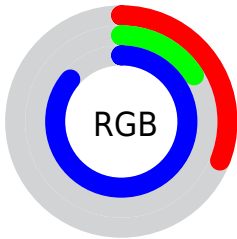
Format	Color
RYB	80, 42, 220
Decimal	5253852
CIELab	35.06, 61.92, -83.30
CIElCh	35, 103.797, 306.627
Yxy	8.5287, 0.1814, 0.0907
Android (android.graphics.Color)	4283443932 (0xFF502ADC)
YUV	73.6540, 72.1486, 5.5654
Hunter-Lab	29.2040, 53.1333, -118.5399

Details

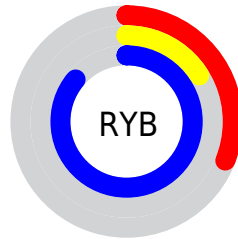
The Hex color **502ADC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **B6DC2A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **915EFF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **3F14DC**, and if you desaturate by 10%, it is **6140DC**.

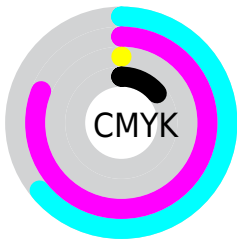
Distribution



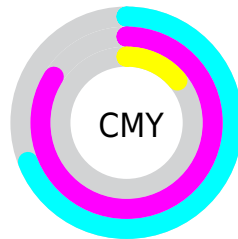
- Red (31%)
- Green (16%)
- Blue (86%)



- Red (31%)
- Yellow (16%)
- Blue (86%)



- Cyan (64%)
- Magenta (81%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (84%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502ADC 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 502ADC by changing the saturation by 10% instead.

■ 502ADC

■ 502ADC

FFFFFF

■ 260BBF

■ 915EFF

■ 0000A3

■ B179FF

■ 000088

■ CF94FF

■ 00006E

■ EEAFFF

■ 000B54

■ FFCBFF

■ 00063C

■ FFE8FF

■ 000225

■ 00010E

■ 000000

■ 502ADC

■ 502ADC

■ 3F14DC

■ 6140DC

■ 2F00DC

■ 7356DC

■ 846CDC

■ 9582DC

■ A798DC

■ B8AEDC

■ C9C4DC

■ DADADC

■ ECF0DC

Harmonies

Analogous

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



005CFE



502ADC



BB0096

Triad

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



502ADC



972F00



006D64

Complementary

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



502ADC



B6DC2A

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.



006B00



502ADC



555600

Square

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



502ADC



C50000



006500



006FB6

Rectangle

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



502ADC



D30060



006500



006D47

Sweetspot

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



502ADC



CFC2FF



2AB8DC



625B80



000000



808080

Same Dimension

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



502ADC



3C08FF



A72ADC



65636E



2500AD



0A002E

Inverse Universe

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



DC2AB6



FF08CA



5FDC2A



6E636B



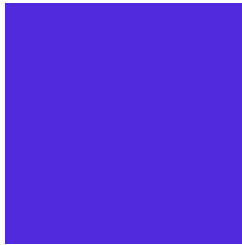
AD0088



2E0024

Previews

White Background



This preview shows how the Hex color 502ADC 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

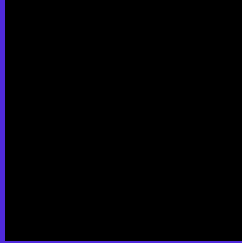
Any Text WCAG AA × Fail

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 502ADC Background



This preview shows how black text looks on a background with the Hex color 502ADC.

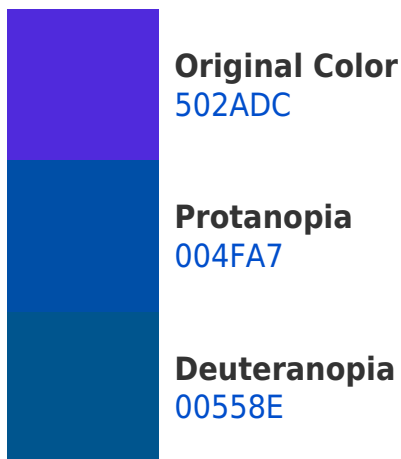


This preview shows how white text looks on a background with the Hex color 502ADC.

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
005B62

Trichromacy



Original Color
502ADC



Protanomaly
1D42BA



Deuteranomaly
1D45AA



Tritanomaly
1D498E

Monochromacy



Original Color
502ADC



Achromatopsia
4A4A4A



Achromatomaly
4C3E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 502ADC 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 #502ADC looks like.

```
.text, #text, p{  
    color:#502ADC  
}
```

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 #502ADC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502ADC
}
```

Border

The CSS property to change the border of an element to Hex 502ADC is called "border". The border property can be set on classes, ids or directly on the HTML element.

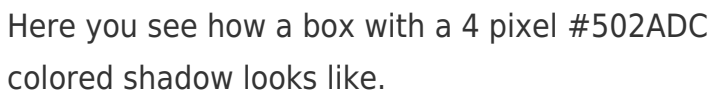
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502ADC }
```

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

```
.border{ border-color:#502ADC }
```

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



Here you see how a box with a 4 pixel #502ADC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502ADC; -webkit-box-shadow:4px 4px  
4px 4px #502ADC; box-shadow:4px 4px 4px  
4px #502ADC }
```

Background

The CSS property to change the background color of an element to Hex 502ADC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502ADC }
```

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

```
.background{ background-color:#502ADC }
```

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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