

Converting Colors

Hex(502AD4)

Have a look what the booklet for
Hex(502AD4) contains.

Hex(502AD4)	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(502AD4)

Conversions

Conversions Part 1

Format	Color
Hex	502AD4
RGB	80, 42, 212
RGB Percent	31%, 16%, 83%
CMY	0.6863, 0.8353, 0.1686
CMYK	0.62, 0.80, 0.00, 0.17
HSL	253°, 67%, 50%
HSV	253°, 80%, 83%
XYZ	16.0199, 8.1149, 63.0093
YIQ	72.7420, -31.9220, 60.9260

Conversions

Conversions Part 2

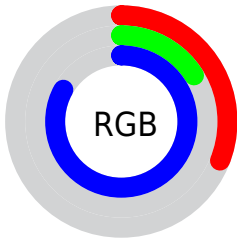
Format	Color
R_{YB}	80, 42, 212
Decimal	5253844
CIE Lab	34.22, 59.72, -80.08
CIE LCh	34, 99.895, 306.716
Yxy	8.1149, 0.1838, 0.0931
Android (android.graphics.Color)	4283443924 (0xFF502AD4)
YUV	72.7420, 68.6542, 6.3653
Hunter-Lab	28.4866, 50.5307, -111.2025

Details

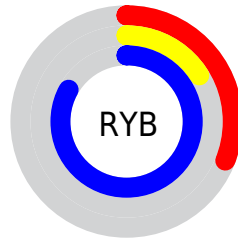
The Hex color **502AD4** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **AED42A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **905EFF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **4015D4**, and if you desaturate by 10%, it is **603FD4**.

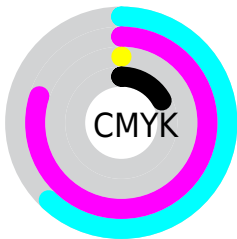
Distribution



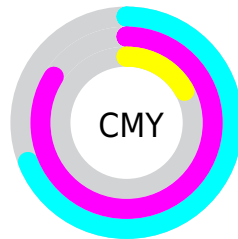
- Red (31%)
- Green (16%)
- Blue (83%)



- Red (31%)
- Yellow (16%)
- Blue (83%)



- Cyan (62%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (69%)
- Magenta (84%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502AD4 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 502AD4 by changing the saturation by 10% instead.

■ 502AD4

■ 502AD4

FFFFFF

■ 280CB8

■ 905EFF

■ 00009C

■ AF78FF

■ 000081

■ CD93FF

■ 000067

■ ECAEFF

■ 000A4D

■ FFCAFF

■ 000536

■ FFE7FF

■ 00021F

■ 000003

■ 000000

■ 502AD4

■ 502AD4

■ 4015D4

■ 603FD4

■ 2F00D4

■ 7154D4

■ 816AD4

■ 927FD4

■ A294D4

■ B3A9D4

■ C3BED4

■ D4D4D4

■ E4E9D4

Harmonies

Analogous

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



0059F5



502AD4



B50091

Triad

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



502AD4



922F00



006B61

Complementary

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



502AD4



AED42A

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.



006800



502AD4



535400

Square

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



502AD4



BE0000



006300



006CB0

Rectangle

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



502AD4



CC005D



006300



006A45

Sweetspot

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



502AD4



CFC2FF



2AAFD4



635B80



000000



808080

Same Dimension

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



502AD4



410AFF



A42AD4



63606B



2600AB



0A002B

Inverse Universe

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



D42AAE



FF0AC8



5AD42A



6B6069



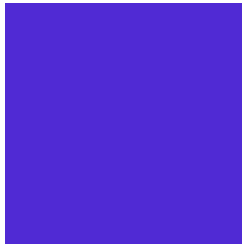
AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 502AD4 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

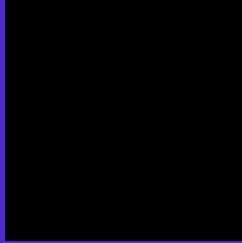
Any Text WCAG AA × Fail

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 502AD4 Background



This preview shows how black text looks on a background with the Hex color 502AD4.

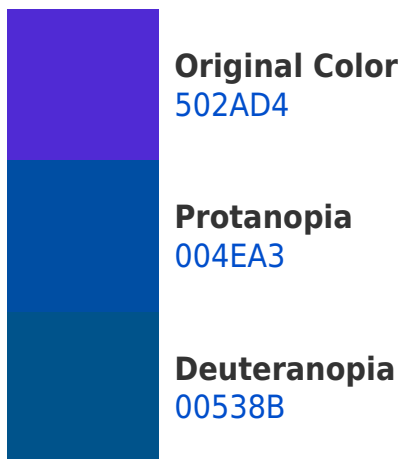


This preview shows how white text looks on a background with the Hex color 502AD4.

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
502AD4



Protanomaly
1D41B5



Deuteranomaly
1D44A6



Tritanomaly
1D488A

Monochromacy



Original Color
502AD4



Achromatopsia
494949



Achromatomaly
4C3E7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 502AD4 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 #502AD4 looks like.

```
.text, #text, p{  
    color:#502AD4  
}
```

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 #502AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502AD4
}
```

Border

The CSS property to change the border of an element to Hex 502AD4 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
#502AD4 }
```

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

```
.border{ border-color:#502AD4 }
```

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

Here you see how a box with a 4 pixel #502AD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502AD4; -webkit-box-shadow:4px 4px  
4px 4px #502AD4; box-shadow:4px 4px 4px  
4px #502AD4 }
```

Background

The CSS property to change the background color of an element to Hex 502AD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502AD4 }
```

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

```
.background{ background-color:#502AD4 }
```

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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