

Converting Colors

Hex(502ECB)

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

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Color

Hex(502ECB)

Conversions

Conversions Part 1

Format	Color
Hex	502ECB
RGB	80, 46, 203
RGB Percent	31%, 18%, 80%
CMY	0.6863, 0.8196, 0.2039
CMYK	0.61, 0.77, 0.00, 0.20
HSL	253°, 63%, 49%
HSV	253°, 77%, 80%
XYZ	15.0648, 7.9713, 57.2445
YIQ	74.0640, -30.1330, 56.0350

Conversions

Conversions Part 2

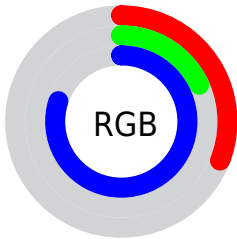
Format	Color
R _Y B	80, 46, 203
Decimal	5254859
CIE _{Lab}	33.92, 55.40, -75.34
CIE _{LCh}	34, 93.523, 306.329
Y _{xy}	7.9713, 0.1877, 0.0993
Android (android.graphics.Color)	4283444939 (0xFF502ECB)
YUV	74.0640, 63.5654, 5.2059
Hunter-Lab	28.2334, 45.8353, -100.4497

Details

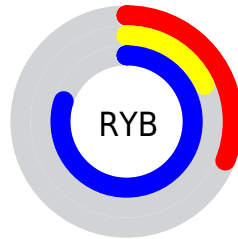
The Hex color **502ECB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **A9CB2E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8E61FF**, and **000093** is the 20% darker color. If you saturate the color by 10%, you get **401ACB**, and if you desaturate by 10%, it is **6042CB**.

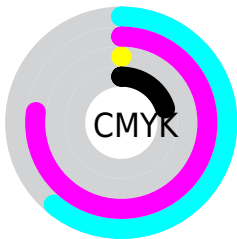
Distribution



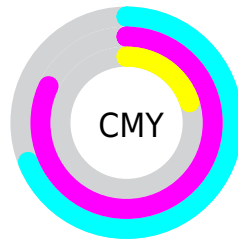
- Red (31%)
- Green (18%)
- Blue (80%)



- Red (31%)
- Yellow (18%)
- Blue (80%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (82%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 502ECB

 502ECB

FFFFFF

 2B13AF

 8E61FF

 000093

 AD7BFF

 000079

 CB95FF

 00005F

 E9B1FF

 000846

 FFCDFE

 00042F

 FFE9FF

 000119

 000000

 502ECB

 502ECB

■ 401ACB

■ 6042CB

■ 3005CB

■ 7057CB

■ 2C00CB

■ 806BCB

■ 907FCB

■ A093CB

■ AFA8CB

■ BFBCCB

■ CFD0CB

■ DFE5CB

Harmonies

Analogous

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



0058E9



502ECB



AD008D

Triad

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



502ECB



8F3100



00695F

Complementary

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



502ECB



A9CB2E

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.



006604



502ECB



545300

Square

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



502ECB



B80000



006100



006AA8

Rectangle

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



502ECB



C3005D



006100



006844

Sweetspot

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



502ECB



D1C4FF



2EACCB



645C80



000000



808080

Same Dimension

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



502ECB



4512FF



9C2ECB



5E5C66



2400A6



080026

Inverse Universe

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



CB2EA9



FF12CC



5DCB2E



665C64



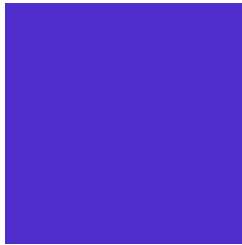
A60082



26001E

Previews

White Background



This preview shows how the Hex color 502ECB 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

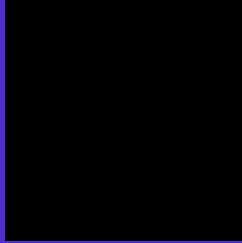
Any Text WCAG AA × Fail

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 502ECB Background



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



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

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
502ECB

Protanopia
004DA2

Deuteranopia
00528A



Tritanopia
19585F

Trichromacy



Original Color
502ECB



Protanomaly
1D42B1



Deuteranomaly
1D45A2



Tritanomaly
2D4986

Monochromacy



Original Color
502ECB



Achromatopsia
4A4A4A



Achromatomaly
4C4079

CSS Examples

Text

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

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

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 #502ECB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 502ECB 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".

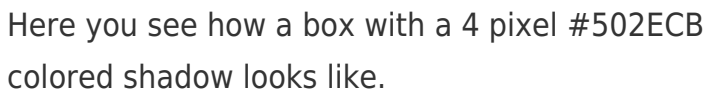
```
.border, #border, table{ border:4px solid
#502ECB }
```

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

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

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

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

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

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

Background

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

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

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

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

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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