

Converting Colors

Hex(502197)

Have a look what the booklet for
Hex(502197) contains.

Hex(502197)	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(502197)

Conversions

Conversions Part 1

Format	Color
Hex	502197
RGB	80, 33, 151
RGB Percent	31%, 13%, 59%
CMY	0.6863, 0.8706, 0.4078
CMYK	0.47, 0.78, 0.00, 0.41
HSL	264°, 64%, 36%
HSV	264°, 78%, 59%
XYZ	9.4380, 5.0276, 29.7511
YIQ	60.5050, -9.8660, 46.6620

Conversions

Conversions Part 2

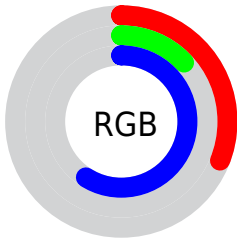
Format	Color
R_{YB}	80, 33, 151
Decimal	5251479
CIE _{Lab}	26.81, 47.00, -55.97
CIE _{LCh}	27, 73.081, 310.022
Yxy	5.0276, 0.2134, 0.1137
Android (android.graphics.Color)	4283441559 (0xFF502197)
YUV	60.5050, 44.6140, 17.0971
Hunter-Lab	22.4222, 35.8960, -62.9740

Details

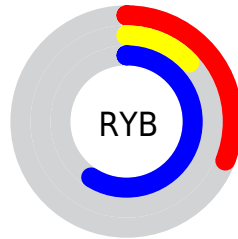
The Hex color **502197** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **689721**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8853CE**, and **100063** is the 20% darker color. If you saturate the color by 10%, you get **471297**, and if you desaturate by 10%, it is **593097**.

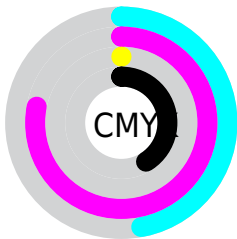
Distribution



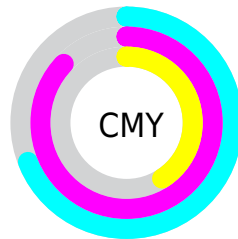
- Red (31%)
- Green (13%)
- Blue (59%)



- Red (31%)
- Yellow (13%)
- Blue (59%)



- Cyan (47%)
- Magenta (78%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (87%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502197 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 502197 by changing the saturation by 10% instead.

■ 502197

■ 502197

FFFFFF

■ 33047C

■ 8853CE

■ 100063

■ A46DEB

■ 00004A

■ C187FF

■ 000432

■ DEA2FF

■ 00021C

■ FCBDFF

■ 000000

■ FFD9FF

■ FFF6FF

■ 502197

■ 502197

■ 471297

■ 593097

■ 3E0397

■ 623F97

■ 3C0097

■ 6B4E97

■ 745D97

■ 7D6D97

■ 877C97

■ 908B97

■ 999A97

■ A2A997

Harmonies

Analogous

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



0042B1



502197



8B0067

Triad

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



502197



6C2D00



005352

Complementary

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



502197



689721

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.



005214



502197



3E4300

Square

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



502197



8D0000



004D00



005488

Rectangle

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



502197



990042



004D00



00533E

Sweetspot

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



502197



A997C4



216A97



534863



E3E3E3



636363

Same Dimension

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



502197



550CC4



892197



48454D



38008C



05000D

Inverse Universe

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



972168



C40C7B



2F9721



4D4549



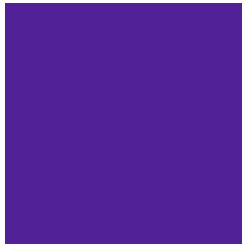
8C0054



0D0008

Previews

White Background



This preview shows how the Hex color 502197 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 502197 Background



This preview shows how black text looks on a background with the Hex color 502197.



This preview shows how white text looks on a background with the Hex color 502197.

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
502197

Protanopia
003E82

Deuteranopia
004270



Tritanopia
3B4146

Trichromacy



Original Color
502197

Protanomaly
1D338A

Deuteranomaly
1D367E

Tritanomaly
433563

Monochromacy



Original Color
502197

Achromatopsia
3D3D3D

Achromatomaly
44335E

CSS Examples

Text

The CSS property to change the color of the text to Hex 502197 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 #502197 looks like.

```
.text, #text, p{  
    color:#502197  
}
```

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 #502197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502197
}
```

Border

The CSS property to change the border of an element to Hex 502197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

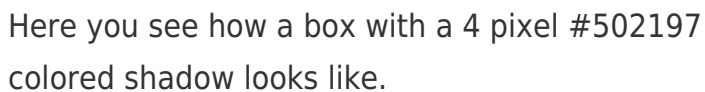
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502197 }
```

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

```
.border{ border-color:#502197 }
```

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



Here you see how a box with a 4 pixel #502197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502197; -webkit-box-shadow:4px 4px  
4px 4px #502197; box-shadow:4px 4px 4px  
4px #502197 }
```

Background

The CSS property to change the background color of an element to Hex 502197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502197 }
```

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

```
.background{ background-color:#502197 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor