

Converting Colors

Hex(5500A2)

Have a look what the booklet for
Hex(5500A2) contains.

Hex(5500A2)	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(5500A2)

Conversions

Conversions Part 1

Format	Color
Hex	5500A2
RGB	85, 0, 162
RGB Percent	33%, 0%, 64%
CMY	0.6667, 1.0000, 0.3647
CMYK	0.48, 1.00, 0.00, 0.36
HSL	271°, 100%, 32%
HSV	271°, 100%, 64%
XYZ	10.2679, 4.5399, 34.5175
YIQ	43.8830, -1.3420, 68.4020

Conversions

Conversions Part 2

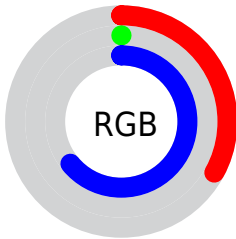
Format	Color
R_{YB}	85, 0, 162
Decimal	5570722
CIE _{Lab}	25.38, 59.76, -65.02
CIE _{LCh}	25, 88.316, 312.586
Yxy	4.5399, 0.2082, 0.0920
Android (android.graphics.Color)	4283760802 (0xFF5500A2)
YUV	43.8830, 58.2317, 36.0596
Hunter-Lab	21.3071, 48.7317, -81.1349

Details

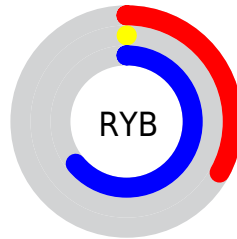
The Hex color **5500A2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4DA200**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8F42DA**, and **11006D** is the 20% darker color. If you saturate the color by 10%, you get **5500A2**, and if you desaturate by 10%, it is **5D10A2**.

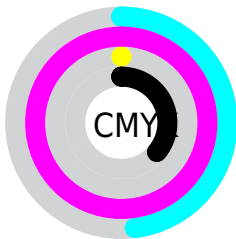
Distribution



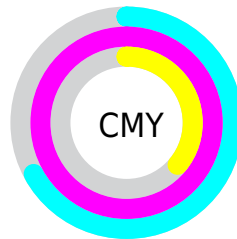
- Red (33%)
- Green (0%)
- Blue (64%)



- Red (33%)
- Yellow (0%)
- Blue (64%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5500A2 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 5500A2 by changing the saturation by 10% instead.

■ 5500A2

■ 5500A2

FFFFFF

■ 370087

■ 8F42DA

■ 11006D

■ AC5DF7

■ 000054

■ C978FF

■ 00063B

■ E793FF

■ 000225

■ FFAFFF

■ 00010D

■ FFCBFF

■ 000000

■ FFE8FF

■ 5500A2

 5D10A2

 6420A2

 6C31A2

 7441A2

 7C51A2

 8361A2

 8B71A2

 9382A2

 9A92A2

Harmonies

Analogous

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



003FC5



5500A2



980066

Triad

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



5500A2



692900



005258

Complementary

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



5500A2



4DA200

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.



00500D



5500A2



304300

Square

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



5500A2



920000



004C00



005398

Rectangle

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



5500A2



A5003A



004C00



005141

Sweetspot

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



5500A2



B594D4



004EA2



59456B



EBEBEB



6B6B6B

Same Dimension

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



5500A2



6F00D4



A2009F



4E4952



4C0091



090012

Inverse Universe

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



A2004D



D40065



00A203



52494D



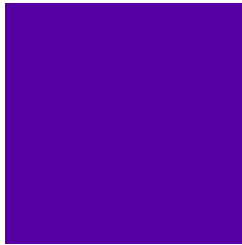
910045



120008

Previews

White Background



This preview shows how the Hex color 5500A2 looks on a white background.

Color Contrast Check

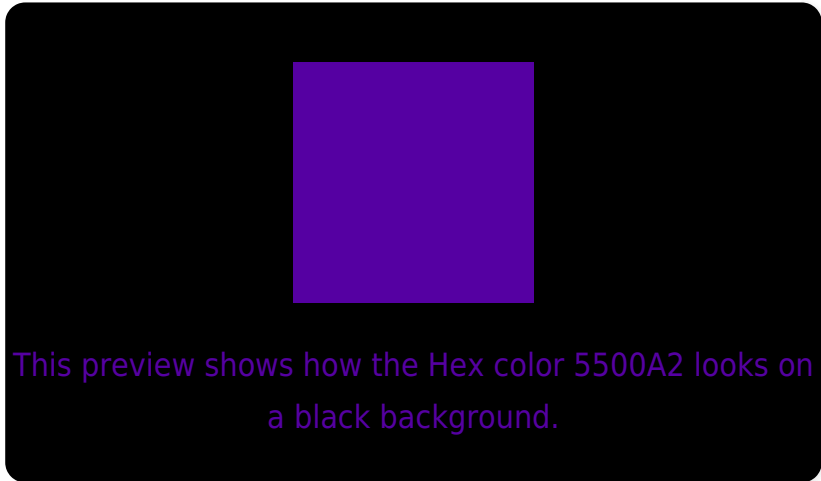
Large Text (above 18pt) WCAG AA ✓ Pass

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

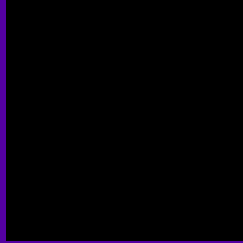
Any Text WCAG AA × Fail

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 5500A2 Background



This preview shows how black text looks on a background with the Hex color 5500A2.



This preview shows how white text looks on a background with the Hex color 5500A2.

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
5500A2

Protanopia
003D80

Deuteranopia
00416E



Tritanopia
3D3F44

Trichromacy



Original Color
5500A2

Protanomaly
1F278C

Deuteranomaly
1F2981

Tritanomaly
462866

Monochromacy



Original Color
5500A2

Achromatopsia
2C2C2C

Achromatomaly
3B1C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 5500A2 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 #5500A2 looks like.

```
.text, #text, p{  
    color:#5500A2  
}
```

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 #5500A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5500A2
}
```

Border

The CSS property to change the border of an element to Hex 5500A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

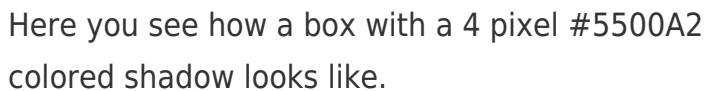
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5500A2 }
```

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

```
.border{ border-color:#5500A2 }
```

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



Here you see how a box with a 4 pixel #5500A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5500A2; -webkit-box-shadow:4px 4px  
4px 4px #5500A2; box-shadow:4px 4px 4px  
4px #5500A2 }
```

Background

The CSS property to change the background color of an element to Hex 5500A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5500A2 }
```

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

```
.background{ background-color:#5500A2 }
```

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