

Converting Colors

Hex(5500A6)

Have a look what the booklet for
Hex(5500A6) contains.

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Color

Hex(5500A6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5500A6 |
| RGB | 85, 0, 166 |
| RGB Percent | 33%, 0%, 65% |
| CMY | 0.6667, 1.0000, 0.3490 |
| CMYK | 0.49, 1.00, 0.00, 0.35 |
| HSL | 271°, 100%, 33% |
| HSV | 271°, 100%, 65% |
| XYZ | 10.6292, 4.6845, 36.4204 |
| YIQ | 44.3390, -2.6260, 69.6460 |

Conversions

Conversions Part 2

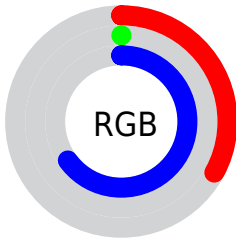
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 85, 0, 166 |
| Decimal | 5570726 |
| CIE _{Lab} | 25.82, 60.65, -66.74 |
| CIE _{LCh} | 26, 90.179, 312.265 |
| Yxy | 4.6845, 0.2055, 0.0905 |
| Android (android.graphics.Color) | 4283760806 (0xFF5500A6) |
| YUV | 44.3390, 59.9789, 35.6597 |
| Hunter-Lab | 21.6436, 49.7855, -84.6184 |

Details

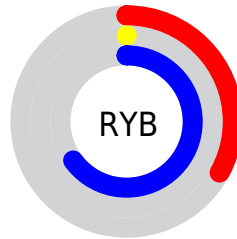
The Hex color **5500A6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **51A600**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8F43DE**, and **0D0071** is the 20% darker color. If you saturate the color by 10%, you get **5500A6**, and if you desaturate by 10%, it is **5D11A6**.

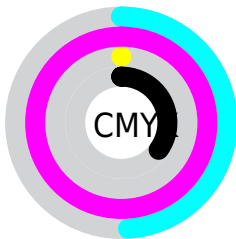
Distribution



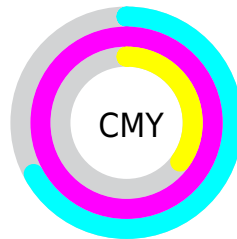
- Red (33%)
- Green (0%)
- Blue (65%)



- Red (33%)
- Yellow (0%)
- Blue (65%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5500A6 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 5500A6 by changing the saturation by 10% instead.

■ 5500A6

■ 5500A6

FFFFFF

■ 36008B

■ 8F43DE

■ 0D0071

■ AD5DFB

■ 000057

■ CA78FF

■ 00063F

■ E894FF

■ 000328

■ FFAFFF

■ 000111

■ FFCCFF

■ 000000

■ FFE9FF

■ 5500A6

 5D11A6

 6521A6

 6D32A6

 7542A6

 7D53A6

 8664A6

 8E74A6

 9685A6

 9E95A6

Harmonies

Analogous

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



0041C9



5500A6



9B0069

Triad

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



5500A6



6C2900



005359

Complementary

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



5500A6



51A600

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.



00510C



5500A6



314400

Square

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



5500A6



950000



004E00



00559B

Rectangle

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



5500A6



A8003C



004E00



005241

Sweetspot

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



5500A6



B998D9



0053A6



5A466E



EDEDED



6E6E6E

Same Dimension

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



5500A6



6F00D9



A600A6



504C54



4C0094



0A0014

Inverse Universe

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



A60051



D9006A



00A600



544C50



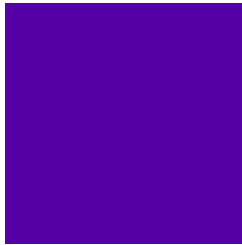
940048



14000A

Previews

White Background



This preview shows how the Hex color 5500A6 looks on a white background.

Color Contrast Check

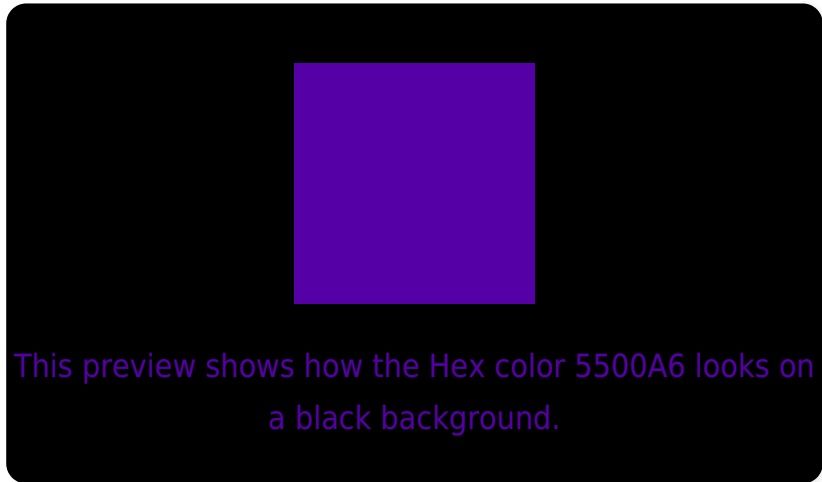
Large Text (above 18pt) WCAG AA ✓ Pass

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

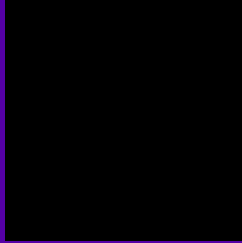
Any Text WCAG AA × Fail

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 5500A6 Background



This preview shows how black text looks on a background with the Hex color 5500A6.



This preview shows how white text looks on a background with the Hex color 5500A6.

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
5500A6

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
3B4146

Trichromacy



Original Color
5500A6

Protanomaly
1F278F

Deuteranomaly
1F2A83

Tritanomaly
442969

Monochromacy



Original Color
5500A6

Achromatopsia
2C2C2C

Achromatomaly
3B1C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 5500A6 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 #5500A6 looks like.

```
.text, #text, p{  
    color:#5500A6  
}
```

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 #5500A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5500A6
}
```

Border

The CSS property to change the border of an element to Hex 5500A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

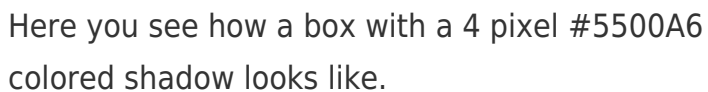
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5500A6 }
```

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

```
.border{ border-color:#5500A6 }
```

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



Here you see how a box with a 4 pixel #5500A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5500A6; -webkit-box-shadow:4px 4px  
4px 4px #5500A6; box-shadow:4px 4px 4px  
4px #5500A6 }
```

Background

The CSS property to change the background color of an element to Hex 5500A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5500A6 }
```

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

```
.background{ background-color:#5500A6 }
```

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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