

Converting Colors

Hex(550099)

Have a look what the booklet for
Hex(550099) contains.

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Color

Hex(550099)

Conversions

Conversions Part 1

Format	Color
Hex	550099
RGB	85, 0, 153
RGB Percent	33%, 0%, 60%
CMY	0.6667, 1.0000, 0.4000
CMYK	0.44, 1.00, 0.00, 0.40
HSL	273°, 100%, 30%
HSV	273°, 100%, 60%
XYZ	9.4961, 4.2312, 30.4532
YIQ	42.8570, 1.5470, 65.6030

Conversions

Conversions Part 2

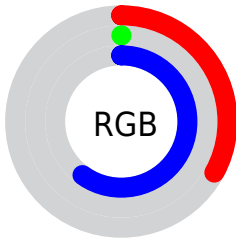
Format	Color
R_{YB}	85, 0, 153
Decimal	5570713
CIE _{Lab}	24.42, 57.78, -61.10
CIE _{LCh}	24, 84.094, 313.399
Yxy	4.2312, 0.2149, 0.0958
Android (android.graphics.Color)	4283760793 (0xFF550099)
YUV	42.8570, 54.3005, 36.9594
Hunter-Lab	20.5699, 46.4072, -73.3784

Details

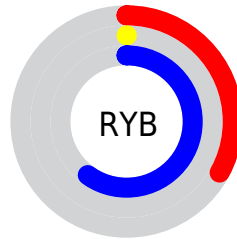
The Hex color **550099** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **449900**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8E41D1**, and **160065** is the 20% darker color. If you saturate the color by 10%, you get **550099**, and if you desaturate by 10%, it is **5C0F99**.

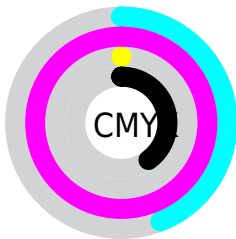
Distribution



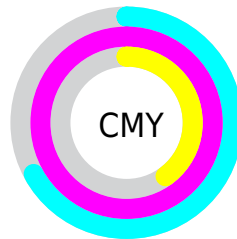
- Red (33%)
- Green (0%)
- Blue (60%)



- Red (33%)
- Yellow (0%)
- Blue (60%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550099 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 550099 by changing the saturation by 10% instead.

 550099

 550099

FFFFFF

 38007E

 8E41D1

 160065

 AB5CED

 00004C

 C876FF

 000434

 E592FF

 00021E

 FFADFF

 000000

 FFCAFF

 FFE6FF

 550099

■ 5C0F99

■ 631F99

■ 692E99

■ 703D99

■ 774D99

■ 7E5C99

■ 856B99

■ 8B7A99

■ 928A99

Harmonies

Analogous

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



003CBB



550099



920060

Triad

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



550099



642900



004F56

Complementary

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



550099



449900

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.



004D11



550099



2D4100

Square

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



550099



8A0000



004A00



005093

Rectangle

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



550099



9E0037



004A00



004E40

Sweetspot

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



550099



AC8BC7



004599



544063



E3E3E3



636363

Same Dimension

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



550099



6E00C7



990091



49454D



4E008C



07000D

Inverse Universe

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



990044



C70058



009908



4D4548



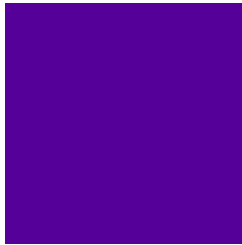
8C003E



0D0006

Previews

White Background



This preview shows how the Hex color 550099 looks on a white background.

Color Contrast Check

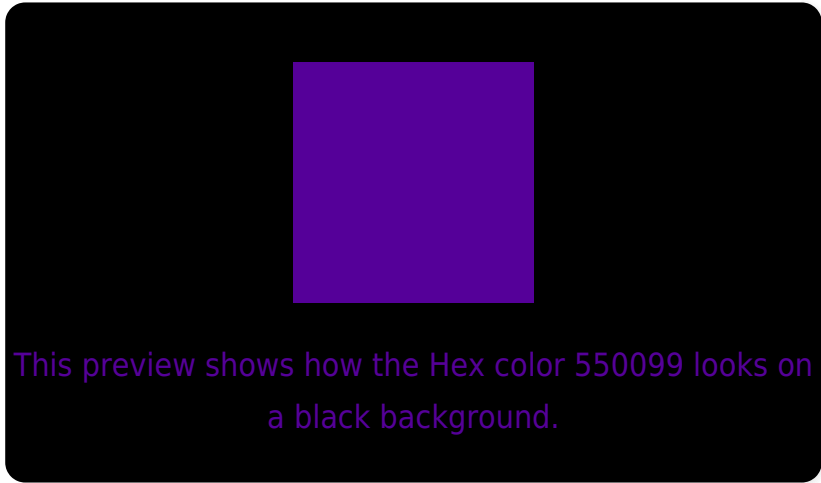
Large Text (above 18pt) WCAG AA ✓ Pass

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

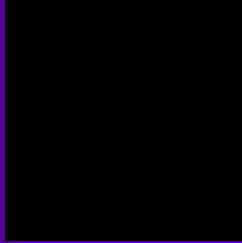
Any Text WCAG AA × Fail

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 550099 Background



This preview shows how black text looks on a background with the Hex color 550099.



This preview shows how white text looks on a background with the Hex color 550099.

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





Tritanopia
403C40

Trichromacy



Original Color
550099

Protanomaly
1F2687

Deuteranomaly
1F287C

Tritanomaly
482660

Monochromacy



Original Color
550099

Achromatopsia
2B2B2B

Achromatomaly
3A1B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 550099 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 #550099 looks like.

```
.text, #text, p{  
    color:#550099  
}
```

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 #550099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550099
}
```

Border

The CSS property to change the border of an element to Hex 550099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

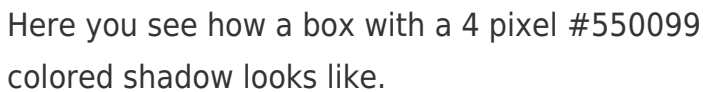
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#550099 }
```

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

```
.border{ border-color:#550099 }
```

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



Here you see how a box with a 4 pixel #550099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550099; -webkit-box-shadow:4px 4px  
4px 4px #550099; box-shadow:4px 4px 4px  
4px #550099 }
```

Background

The CSS property to change the background color of an element to Hex 550099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550099 }
```

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

```
.background{ background-color:#550099 }
```

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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