

Converting Colors

Hex(5900AA)

Have a look what the booklet for
Hex(5900AA) contains.

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Color

Hex(5900AA)

Conversions

Conversions Part 1

Format	Color
Hex	5900AA
RGB	89, 0, 170
RGB Percent	35%, 0%, 67%
CMY	0.6510, 1.0000, 0.3333
CMYK	0.48, 1.00, 0.00, 0.33
HSL	271°, 100%, 33%
HSV	271°, 100%, 67%
XYZ	11.3755, 5.0261, 38.4008
YIQ	45.9910, -1.5260, 71.7380

Conversions

Conversions Part 2

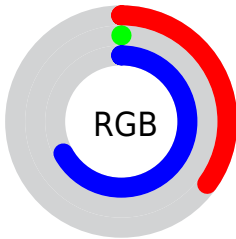
Format	Color
R_{YB}	89, 0, 170
Decimal	5832874
CIE _{Lab}	26.81, 61.88, -67.50
CIE _{LCh}	27, 91.570, 312.515
Yxy	5.0261, 0.2076, 0.0917
Android (android.graphics.Color)	4284022954 (0xFF5900AA)
YUV	45.9910, 61.1364, 37.7189
Hunter-Lab	22.4190, 51.3385, -85.8625

Details

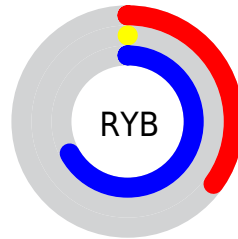
The Hex color **5900AA** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **51AA00**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9444E3**, and **140074** is the 20% darker color. If you saturate the color by 10%, you get **5900AA**, and if you desaturate by 10%, it is **6111AA**.

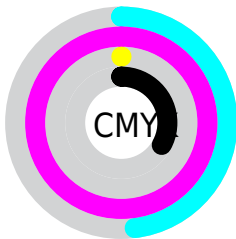
Distribution



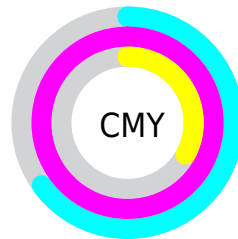
- Red (35%)
- Green (0%)
- Blue (67%)



- Red (35%)
- Yellow (0%)
- Blue (67%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5900AA 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 5900AA by changing the saturation by 10% instead.

 5900AA

 5900AA

FFFFFF

 3A008F

 9444E3

 140074

 B15FFF

 00005B

 CE7AFF

 000342

 EC95FF

 00032B

 FFB1FF

 000115

 FFCDFD

 000000

 FFEAFF

 5900AA

■ 6111AA

■ 6922AA

■ 7133AA

■ 7944AA

■ 8155AA

■ 8A66AA

■ 9277AA

■ 9A88AA

■ A299AA

Harmonies

Analogous

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



0043CE



5900AA



9F006B

Triad

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



5900AA



6F2B00



00565D

Complementary

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



5900AA



51AA00

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.



00540E



5900AA



334600

Square

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



5900AA



990000



005000



0058A0

Rectangle

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



5900AA



AD003E



005000



005544

Sweetspot

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



5900AA



BE9BDE



0052AA



5D4870



F0F0F0



707070

Same Dimension

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



5900AA



7400DE



AA00A7



504C54



4D0094



0B0014

Inverse Universe

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



AA0051



DE006A



00AA03



544C50



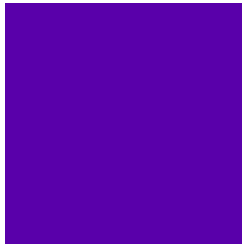
940046



14000A

Previews

White Background



This preview shows how the Hex color 5900AA looks on a white background.

Color Contrast Check

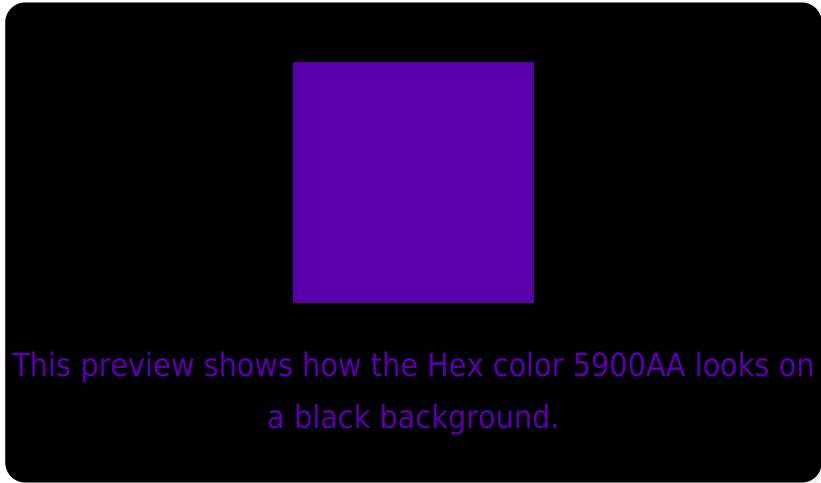
Large Text (above 18pt) WCAG AA ✓ Pass

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

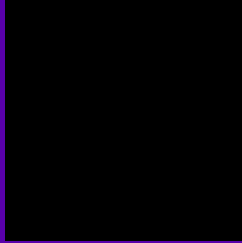
Any Text WCAG AA × Fail

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 5900AA Background



This preview shows how black text looks on a background with the Hex color 5900AA.



This preview shows how white text looks on a background with the Hex color 5900AA.

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](#).

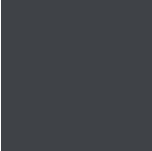
Dichromacy



Original Color
5900AA

Protanopia
004086

Deuteranopia
004473



Tritanopia
3F4247

Trichromacy



Original Color
5900AA

Protanomaly
202993

Deuteranomaly
202B87

Tritanomaly
482A6B

Monochromacy



Original Color
5900AA

Achromatopsia
2E2E2E

Achromatomaly
3E1D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5900AA 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 #5900AA looks like.

```
.text, #text, p{  
    color:#5900AA  
}
```

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 #5900AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5900AA
}
```

Border

The CSS property to change the border of an element to Hex 5900AA 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
#5900AA }
```

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

```
.border{ border-color:#5900AA }
```

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

Here you see how a box with a 4 pixel #5900AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5900AA; -webkit-box-shadow:4px 4px  
4px 4px #5900AA; box-shadow:4px 4px 4px  
4px #5900AA }
```

Background

The CSS property to change the background color of an element to Hex 5900AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5900AA }
```

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

```
.background{ background-color:#5900AA }
```

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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