

Converting Colors

Hex(0800AA)

Have a look what the booklet for
Hex(0800AA) contains.

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Color

Hex(0800AA)

Conversions

Conversions Part 1

Format	Color
Hex	0800AA
RGB	8, 0, 170
RGB Percent	3%, 0%, 67%
CMY	0.9686, 1.0000, 0.3333
CMYK	0.95, 1.00, 0.00, 0.33
HSL	243°, 100%, 33%
HSV	243°, 100%, 67%
XYZ	7.3558, 2.9539, 38.2127
YIQ	21.7720, -49.8020, 54.5660

Conversions

Conversions Part 2

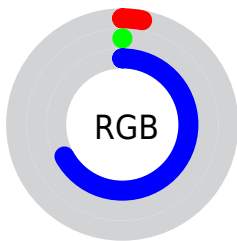
Format	Color
RYB	8, 0, 170
Decimal	524458
CIELab	19.86, 58.51, -79.25
CIELCh	20, 98.510, 306.441
Yxy	2.9539, 0.1516, 0.0609
Android (android.graphics.Color)	4278714538 (0xFF0800AA)
YUV	21.7720, 73.0764, -12.0780
Hunter-Lab	17.1869, 46.3192, -119.7920

Details

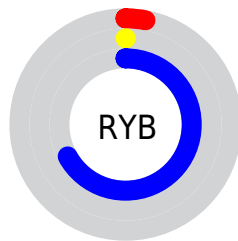
The Hex color **0800AA** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A2AA00**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **623AE3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **0800AA**, and if you desaturate by 10%, it is **1811AA**.

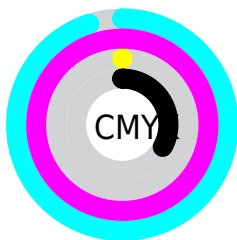
Distribution



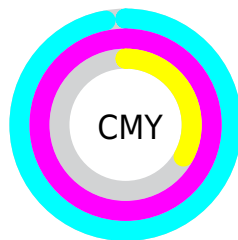
- Red (3%)
- Green (0%)
- Blue (67%)



- Red (3%)
- Yellow (0%)
- Blue (67%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0800AA 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 0800AA by changing the saturation by 10% instead.

 0800AA

 0800AA

 FFF9FF

 00008F

 623AE3

 000074

 8254FF

 00025A

 A06EFF

 000742

 BF88FF

 00032B

 DDA3FF

 000115

 FCBFFF

 000000

 FFDCCF

 0800AA

■ 1811AA

■ 2822AA

■ 3933AA

■ 4944AA

■ 5955AA

■ 6966AA

■ 7977AA

■ 8A88AA

■ 9A99AA

Harmonies

Analogous

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



003CC9



0800AA



88006C

Triad

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



0800AA



670600



00443F

Complementary

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



0800AA



A2AA00

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.



004300



0800AA



2E3300

Square

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



0800AA



8E0000



003F00



004788

Rectangle

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



0800AA



9C003D



003F00



004325

Sweetspot

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



0800AA



9E9BDE



00A4AA



4A4870



F0F0F0



707070

Same Dimension

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



0800AA



0A00DE



5B00AA



4C4C54



070094



010014

Inverse Universe

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



AA00A2



DE00D3



4FAA00



544C54



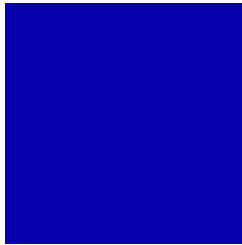
94008D



140013

Previews

White Background



This preview shows how the Hex color 0800AA looks on a white background.

Color Contrast Check

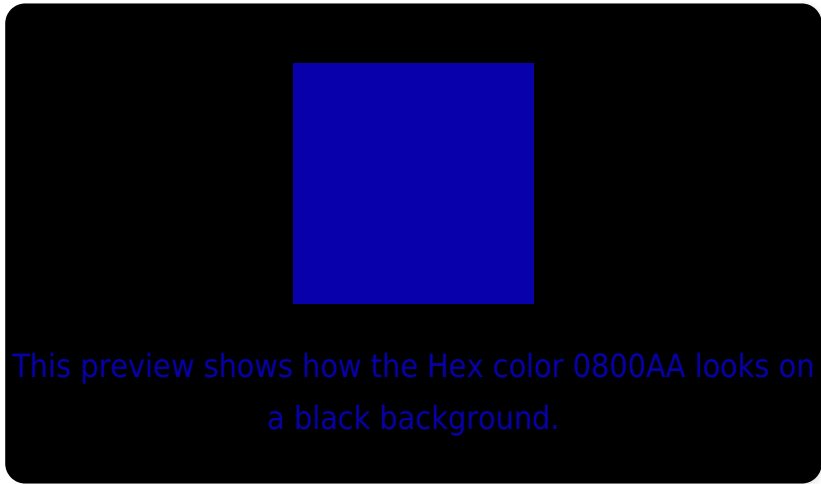
Large Text (above 18pt) WCAG AA ✓ Pass

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

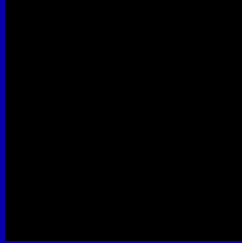
Any Text WCAG AA × Fail

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 0800AA Background



This preview shows how black text looks on a background with the Hex color 0800AA.



This preview shows how white text looks on a background with the Hex color 0800AA.

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
0800AA

Protanopia
003268

Deuteranopia
003558



Tritanopia
00393C

Trichromacy



Original Color
0800AA

Protanomaly
032080

Deuteranomaly
032276

Tritanomaly
032464

Monochromacy



Original Color
0800AA

Achromatopsia
161616

Achromatomaly
110E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0800AA 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 #0800AA looks like.

```
.text, #text, p{  
    color:#0800AA  
}
```

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 #0800AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0800AA
}
```

Border

The CSS property to change the border of an element to Hex 0800AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

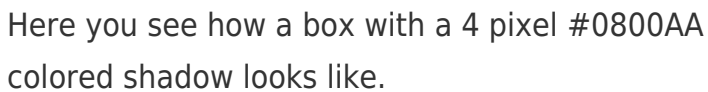
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0800AA }
```

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

```
.border{ border-color:#0800AA }
```

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



Here you see how a box with a 4 pixel #0800AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0800AA; -webkit-box-shadow:4px 4px  
4px 4px #0800AA; box-shadow:4px 4px 4px  
4px #0800AA }
```

Background

The CSS property to change the background color of an element to Hex 0800AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0800AA }
```

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

```
.background{ background-color:#0800AA }
```

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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