

Converting Colors

Hex(0200A6)

Have a look what the booklet for
Hex(0200A6) contains.

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Color

Hex(0200A6)

Conversions

Conversions Part 1

Format	Color
Hex	0200A6
RGB	2, 0, 166
RGB Percent	1%, 0%, 65%
CMY	0.9922, 1.0000, 0.3490
CMYK	0.99, 1.00, 0.00, 0.35
HSL	241°, 100%, 33%
HSV	241°, 100%, 65%
XYZ	6.9080, 2.7661, 36.2462
YIQ	19.5220, -52.0940, 52.0500

Conversions

Conversions Part 2

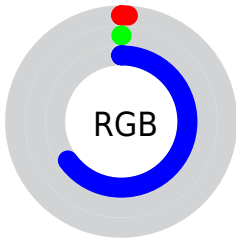
Format	Color
R_{YB}	2, 0, 166
Decimal	131238
CIE _{Lab}	19.08, 57.45, -78.13
CIE _{LCh}	19, 96.973, 306.328
Yxy	2.7661, 0.1504, 0.0602
Android (android.graphics.Color)	4278321318 (0xFF0200A6)
YUV	19.5220, 72.2137, -15.3668
Hunter-Lab	16.6315, 45.0354, -117.5726

Details

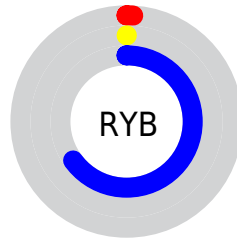
The Hex color **0200A6** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A4A600**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5F39DF**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **0200A6**, and if you desaturate by 10%, it is **1211A6**.

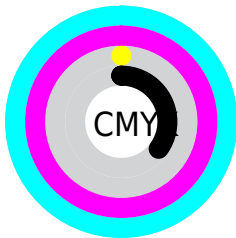
Distribution



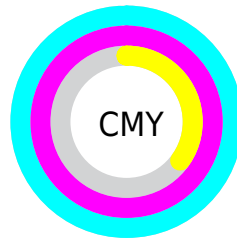
- Red (1%)
- Green (0%)
- Blue (65%)



- Red (1%)
- Yellow (0%)
- Blue (65%)



- Cyan (99%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (99%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0200A6 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 0200A6 by changing the saturation by 10% instead.

 0200A6

 0200A6

 FFF7FF

 00008B

 5F39DF

 000070

 7F53FC

 000457


 9E6DFF

 00063E

 BC87FF

 000327

 DBA2FF


 000111

 F9BEFF

 000000

 FFDAFF

 0200A6

 1211A6

 2321A6

 3332A6

 4442A6

 5453A6

 6464A6

 7574A6

 8585A6

 9695A6

Harmonies

Analogous

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



003AC4



0200A6



840069

Triad

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



0200A6



640400



00423D

Complementary

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



0200A6



A4A600

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.



004000



0200A6



2D3200

Square

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



0200A6



8A0000



003D00



004584

Rectangle

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



0200A6



98003B



003D00



004124

Sweetspot

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



0200A6



9998D9



00A6A6



47466E



EDEDED



6E6E6E

Same Dimension

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



0200A6



0300D9



5300A6



4C4C54



020094



000014

Inverse Universe

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



A600A4



D900D6



53A600



544C54



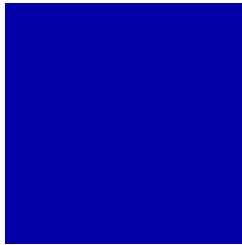
940092



140014

Previews

White Background



This preview shows how the Hex color 0200A6 looks on a white background.

Color Contrast Check

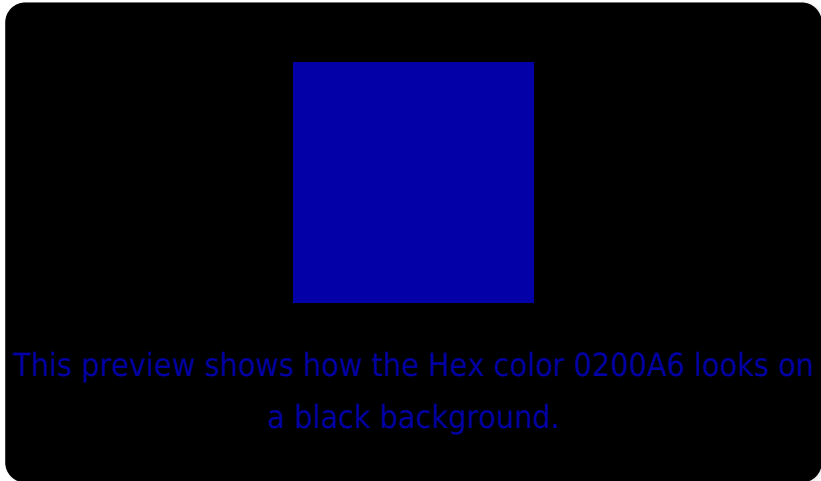
Large Text (above 18pt) WCAG AA ✓ Pass

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

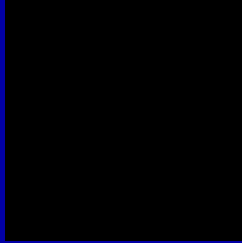
Any Text WCAG AA × Fail

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 0200A6 Background



This preview shows how black text looks on a background with the Hex color 0200A6.



This preview shows how white text looks on a background with the Hex color 0200A6.

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
0200A6

Protanopia
003066

Deuteranopia
003456



Tritanopia
00383A

Trichromacy



Original Color

0200A6

Protanomaly

011F7D

Deuteranomaly

012173

Tritanomaly

012461

Monochromacy



Original Color

0200A6

Achromatopsia

141414

Achromatomaly

0D0D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 0200A6 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 #0200A6 looks like.

```
.text, #text, p{  
    color:#0200A6  
}
```

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 #0200A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0200A6
}
```

Border

The CSS property to change the border of an element to Hex 0200A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

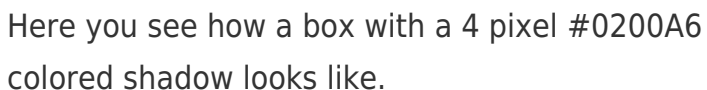
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0200A6 }
```

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

```
.border{ border-color:#0200A6 }
```

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



Here you see how a box with a 4 pixel #0200A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0200A6; -webkit-box-shadow:4px 4px  
4px 4px #0200A6; box-shadow:4px 4px 4px  
4px #0200A6 }
```

Background

The CSS property to change the background color of an element to Hex 0200A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0200A6 }
```

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

```
.background{ background-color:#0200A6 }
```

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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