

Converting Colors

Hex(1700A1)

Have a look what the booklet for
Hex(1700A1) contains.

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Color

Hex(1700A1)

Conversions

Conversions Part 1

Format	Color
Hex	1700A1
RGB	23, 0, 161
RGB Percent	9%, 0%, 63%
CMY	0.9098, 1.0000, 0.3686
CMYK	0.86, 1.00, 0.00, 0.37
HSL	249°, 100%, 32%
HSV	249°, 100%, 63%
XYZ	6.7864, 2.7554, 33.8924
YIQ	25.2310, -37.9730, 54.9470

Conversions

Conversions Part 2

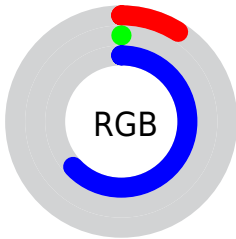
Format	Color
RYB	23, 0, 161
Decimal	1507489
CIELab	19.04, 56.41, -75.14
CIELCh	19, 93.955, 306.899
Yxy	2.7554, 0.1562, 0.0634
Android (android.graphics.Color)	4279697569 (0xFF1700A1)
YUV	25.2310, 66.9341, -1.9566
Hunter-Lab	16.5993, 43.9282, -109.4385

Details

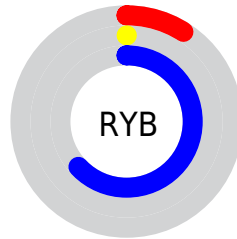
The Hex color **1700A1** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8AA100**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6439D9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **1700A1**, and if you desaturate by 10%, it is **2510A1**.

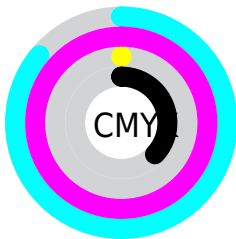
Distribution



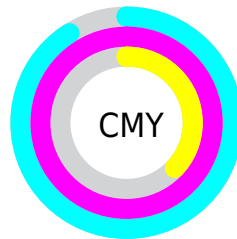
- Red (9%)
- Green (0%)
- Blue (63%)



- Red (9%)
- Yellow (0%)
- Blue (63%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (91%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1700A1 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 1700A1 by changing the saturation by 10% instead.

 1700A1

 1700A1

 FFF7FF

 000086

 6439D9

 00006C

 8253F6

 000452

 A06DFF

 00053A

 BF87FF

 000224

 DDA2FF

 00000B

 FCBEFF

 000000

 FFDAFF

 1700A1

■ 2510A1

■ 3320A1

■ 4030A1

■ 4E40A1

■ 5C51A1

■ 6A61A1

■ 7871A1

■ 8581A1

■ 9391A1

Harmonies

Analogous

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



0039BF



1700A1



820066

Triad

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



1700A1



620900



00423D

Complementary

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



1700A1



8AA100

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



1700A1



2C3200

Square

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



1700A1



870000



003C00



004582

Rectangle

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



1700A1



950039



003C00



004125

Sweetspot

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



1700A1



9B92D1



008CA1



484369



E8E8E8



696969

Same Dimension

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



1700A1



1E00D1



6600A1



4B4952



150091



030012

Inverse Universe

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



A1008A



D100B3



3BA100



524950



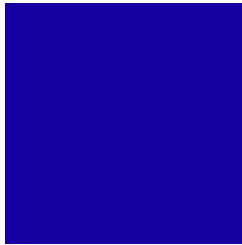
91007D



12000F

Previews

White Background



This preview shows how the Hex color 1700A1 looks on a white background.

Color Contrast Check

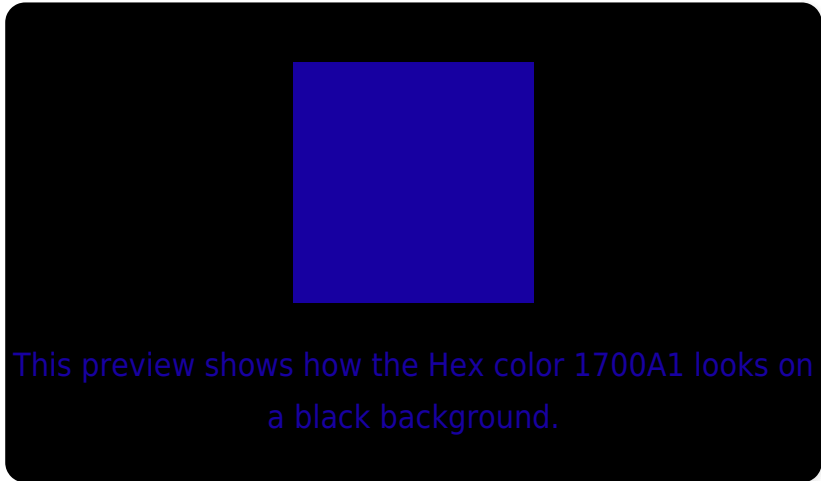
Large Text (above 18pt) WCAG AA ✓ Pass

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

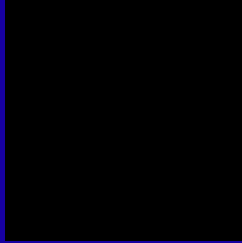
Any Text WCAG AA × Fail

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 1700A1 Background



This preview shows how black text looks on a background with the Hex color 1700A1.



This preview shows how white text looks on a background with the Hex color 1700A1.

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
1700A1

Protanopia
003064

Deuteranopia
003355



Tritanopia
00373A

Trichromacy



Original Color
1700A1

Protanomaly
081F7A

Deuteranomaly
082071

Tritanomaly
08235F

Monochromacy



Original Color
1700A1

Achromatopsia
191919

Achromatomaly
18104A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1700A1 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 #1700A1 looks like.

```
.text, #text, p{  
    color:#1700A1  
}
```

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 #1700A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1700A1
}
```

Border

The CSS property to change the border of an element to Hex 1700A1 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".

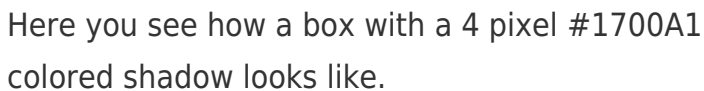
```
.border, #border, table{ border:4px solid
#1700A1 }
```

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

```
.border{ border-color:#1700A1 }
```

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

Here you see how a box with a 4 pixel #1700A1 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1700A1; -webkit-box-shadow:4px 4px  
4px 4px #1700A1; box-shadow:4px 4px 4px  
4px #1700A1 }
```

Background

The CSS property to change the background color of an element to Hex 1700A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1700A1 }
```

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

```
.background{ background-color:#1700A1 }
```

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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