

Converting Colors

Hex(1803A3)

Have a look what the booklet for
Hex(1803A3) contains.

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Color

Hex(1803A3)

Conversions

Conversions Part 1

Format	Color
Hex	1803A3
RGB	24, 3, 163
RGB Percent	9%, 1%, 64%
CMY	0.9059, 0.9882, 0.3608
CMYK	0.85, 0.98, 0.00, 0.36
HSL	248°, 96%, 33%
HSV	248°, 98%, 64%
XYZ	7.0201, 2.9037, 34.8408
YIQ	27.5190, -38.8440, 54.2120

Conversions

Conversions Part 2

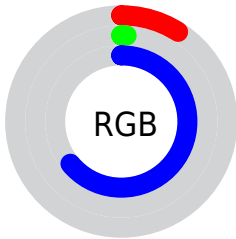
Format	Color
R _Y B	24, 3, 163
Decimal	1573795
CIE Lab	19.65, 56.10, -75.32
CIE LCh	20, 93.921, 306.680
Yxy	2.9037, 0.1568, 0.0649
Android (android.graphics.Color)	4279763875 (0xFF1803A3)
YUV	27.5190, 66.7921, -3.0862
Hunter-Lab	17.0401, 43.7174, -109.2982

Details

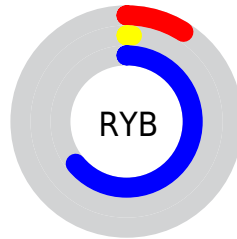
The Hex color **1803A3** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8EA303**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **643CDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **1500A3**, and if you desaturate by 10%, it is **2613A3**.

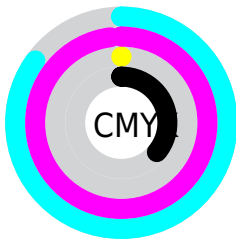
Distribution



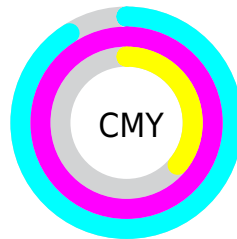
- Red (9%)
- Green (1%)
- Blue (64%)



- Red (9%)
- Yellow (1%)
- Blue (64%)



- Cyan (85%)
- Magenta (98%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (99%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1803A3 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 1803A3 by changing the saturation by 10% instead.

 1803A3

 1803A3

 FFF9FF

 000088

 643CDB

 00006E

 8355F9

 000254

 A16FFF

 00063C

 C089FF

 000225

 DEA4FF

 00010E

 FCC0FF

 000000

 FFDCFF

 1803A3

 1803A3

■ 1500A3

■ 2613A3

■ 3424A3

■ 4234A3

■ 5144A3

■ 5F54A3

■ 6D65A3

■ 7B75A3

■ 8985A3

■ 9796A3

Harmonies

Analogous

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



003AC0



1803A3



840068

Triad

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



1803A3



640B00



00433E

Complementary

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



1803A3



8EA303

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.



004200



1803A3



2E3300

Square

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



1803A3



890000



003E00



004683

Rectangle

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



1803A3



97003B



003E00



004326

Sweetspot

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



1803A3



9E96D4



0390A3



4B466B



EBEBEB



6B6B6B

Same Dimension

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



1803A3



1C00D4



6603A3



4B4952



130091



020012

Inverse Universe

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



A3038E



D400B8



40A303



524951



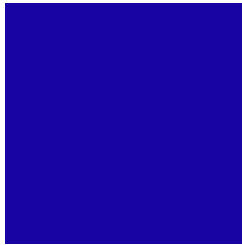
91007E



120010

Previews

White Background



This preview shows how the Hex color 1803A3 looks on a white background.

Color Contrast Check

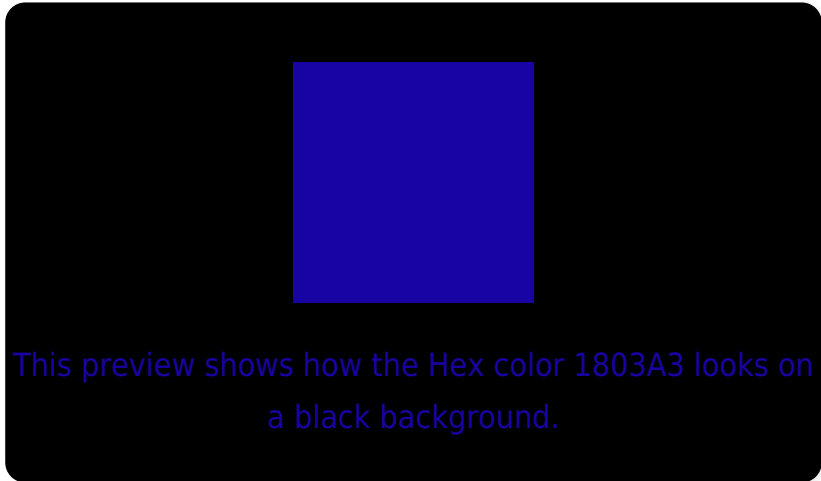
Large Text (above 18pt) WCAG AA ✓ Pass

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

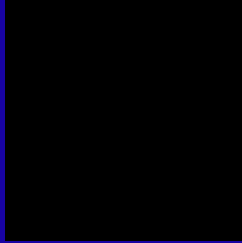
Any Text WCAG AA × Fail

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 1803A3 Background



This preview shows how black text looks on a background with the Hex color 1803A3.



This preview shows how white text looks on a background with the Hex color 1803A3.

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
1803A3

Protanopia
003166

Deuteranopia
003456



Tritanopia
00383B

Trichromacy



Original Color
1803A3

Protanomaly
09207C

Deuteranomaly
092272

Tritanomaly
092561

Monochromacy



Original Color
1803A3

Achromatopsia
1C1C1C

Achromatomaly
1B134D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1803A3 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 #1803A3 looks like.

```
.text, #text, p{  
    color:#1803A3  
}
```

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 #1803A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1803A3
}
```

Border

The CSS property to change the border of an element to Hex 1803A3 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
#1803A3 }
```

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

```
.border{ border-color:#1803A3 }
```

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

Here you see how a box with a 4 pixel #1803A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1803A3; -webkit-box-shadow:4px 4px  
4px 4px #1803A3; box-shadow:4px 4px 4px  
4px #1803A3 }
```

Background

The CSS property to change the background color of an element to Hex 1803A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1803A3 }
```

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

```
.background{ background-color:#1803A3 }
```

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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