

Converting Colors

Hex(1819AB)

Have a look what the booklet for
Hex(1819AB) contains.

Hex(1819AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(1819AB)

Conversions

Conversions Part 1

Format	Color
Hex	1819AB
RGB	24, 25, 171
RGB Percent	9%, 10%, 67%
CMY	0.9059, 0.9020, 0.3294
CMYK	0.86, 0.85, 0.00, 0.33
HSL	240°, 75%, 38%
HSV	240°, 86%, 67%
XYZ	8.0750, 3.8297, 38.8417
YIQ	41.3450, -47.4620, 45.1940

Conversions

Conversions Part 2

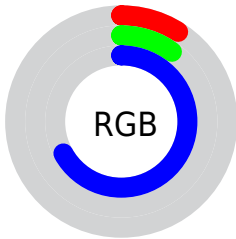
Format	Color
R_{YB}	24, 25, 171
Decimal	1579435
CIE _{Lab}	23.10, 51.27, -74.43
CIE _{LCh}	23, 90.378, 304.560
Yxy	3.8297, 0.1591, 0.0755
Android (android.graphics.Color)	4279769515 (0xFF1819AB)
YUV	41.3450, 63.9199, -15.2116
Hunter-Lab	19.5697, 39.4072, -103.9793

Details

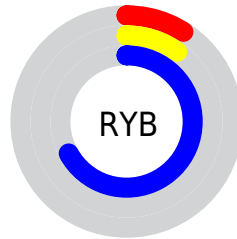
The Hex color **1819AB** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ABAA18**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **654AE4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **0708AB**, and if you desaturate by 10%, it is **292AAB**.

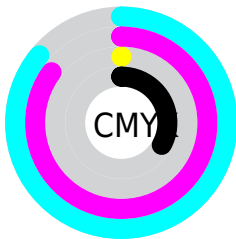
Distribution



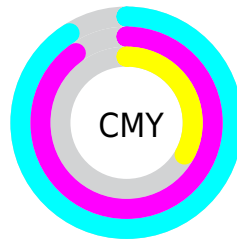
- Red (9%)
- Green (10%)
- Blue (67%)



- Red (9%)
- Yellow (10%)
- Blue (67%)



- Cyan (86%)
- Magenta (85%)
- Yellow (0%)
- Black (33%)



- Cyan (91%)
- Magenta (90%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1819AB 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 1819AB by changing the saturation by 10% instead.

■ 1819AB

■ 1819AB

FFFFFF

■ 000090

■ 654AE4

■ 000075

■ 8463FF

■ 00005B

■ A27CFF

■ 000743

■ C197FF

■ 00032C

■ DFB2FF

■ 000116

■ FECEFF

■ 000000

■ FFE8FF

■ 1819AB

■ 1819AB

0708AB

292AAB

0001AB

3A3BAB

4B4CAB

5C5DAB

6D6EAB

7F7FAB

9090AB

A1A1AB

B2B2AB

Harmonies

Analogous

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



0042C5



1819AB



880073

Triad

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



1819AB



701200



004C40

Complementary

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



1819AB



ABAA18

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.



004A00



1819AB



3C3900

Square

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



1819AB



940000



004500



004E85

Rectangle

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



1819AB



9D0047



004500



004B28

Sweetspot

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



1819AB



A4A5DE



18ABA9



4D4E70



F0F0F0



707070

Same Dimension

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



1819AB



0002DE



5F18AB



4E4E57



000196



000017

Inverse Universe

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



AB1819



DE0002



64AB18



574E4E



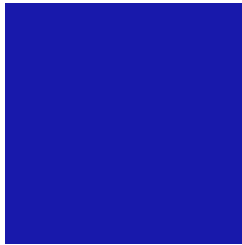
960001



170000

Previews

White Background



This preview shows how the Hex color 1819AB looks on a white background.

Color Contrast Check

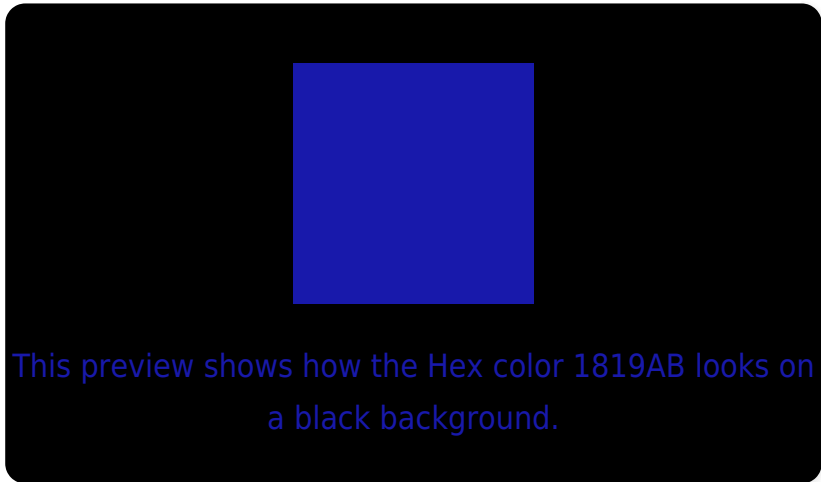
Large Text (above 18pt) WCAG AA ✓ Pass

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

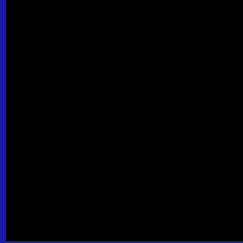
Any Text WCAG AA × Fail

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 1819AB Background



This preview shows how black text looks on a background with the Hex color 1819AB.



This preview shows how white text looks on a background with the Hex color 1819AB.

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
1819AB

Protanopia
003671

Deuteranopia
003A60

Trichromacy



Original Color
1819AB

Protanomaly
092B86

Deuteranomaly
092E7B

Monochromacy



Original Color
1819AB

Achromatopsia
292929

Achromatomaly
232358

CSS Examples

Text

The CSS property to change the color of the text to Hex 1819AB 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 #1819AB looks like.

```
.text, #text, p{  
    color:#1819AB  
}
```

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 #1819AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1819AB
}
```

Border

The CSS property to change the border of an element to Hex 1819AB 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
#1819AB }
```

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

```
.border{ border-color:#1819AB }
```

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

Here you see how a box with a 4 pixel #1819AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1819AB; -webkit-box-shadow:4px 4px  
4px 4px #1819AB; box-shadow:4px 4px 4px  
4px #1819AB }
```

Background

The CSS property to change the background color of an element to Hex 1819AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1819AB }
```

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

```
.background{ background-color:#1819AB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor