

Converting Colors

Hex(1810AB)

Have a look what the booklet for
Hex(1810AB) contains.

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Color

Hex(1810AB)

Conversions

Conversions Part 1

Format	Color
Hex	1810AB
RGB	24, 16, 171
RGB Percent	9%, 6%, 67%
CMY	0.9059, 0.9373, 0.3294
CMYK	0.86, 0.91, 0.00, 0.33
HSL	243°, 83%, 37%
HSV	243°, 91%, 67%
XYZ	7.9127, 3.5050, 38.7876
YIQ	36.0620, -44.9870, 49.9010

Conversions

Conversions Part 2

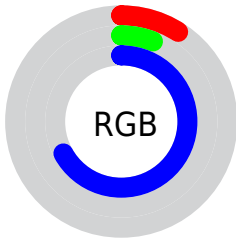
Format	Color
R_{YB}	24, 16, 171
Decimal	1577131
CIE _{Lab}	21.96, 54.69, -76.32
CIE _{LCh}	22, 93.896, 305.623
Yxy	3.5050, 0.1576, 0.0698
Android (android.graphics.Color)	4279767211 (0xFF1810AB)
YUV	36.0620, 66.5244, -10.5784
Hunter-Lab	18.7218, 42.6791, -109.7312

Details

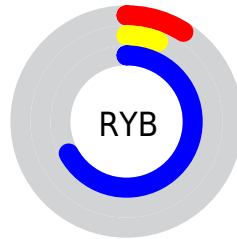
The Hex color **1810AB** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A3AB10**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6643E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **0900AB**, and if you desaturate by 10%, it is **2821AB**.

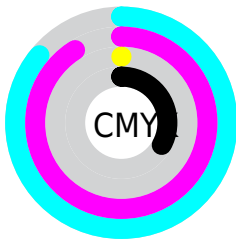
Distribution



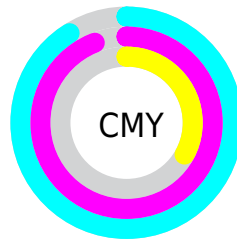
- Red (9%)
- Green (6%)
- Blue (67%)



- Red (9%)
- Yellow (6%)
- Blue (67%)



- Cyan (86%)
- Magenta (91%)
- Yellow (0%)
- Black (33%)



- Cyan (91%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1810AB 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 1810AB by changing the saturation by 10% instead.

 1810AB

 1810AB

FFFFFF

 000090

 6643E4

 000075

 855DFF

 00005B

 A377FF

 000743

 C291FF

 00032C

 E0ACFF

 000116

 FFC8FF

 000000

 FFE5FF

 1810AB

 1810AB

0900AB

2821AB

3832AB

4943AB

5954AB

6965AB

7977AB

8A88AB

9A99AB

AAAAAB

Harmonies

Analogous

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



003FC7



1810AB



890070

Triad

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



1810AB



6C0F00



004A41

Complementary

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



1810AB



A3AB10

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.



004700



1810AB



363700

Square

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



1810AB



920000



004300



004B87

Rectangle

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



1810AB



9E0042



004300



004928

Sweetspot

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



1810AB



A5A2DE



10A3AB



4E4C70



F0F0F0



707070

Same Dimension

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



1810AB



0B00DE



6510AB



4E4E57



080096



010017

Inverse Universe

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



AB10A3



DE00D2



56AB10



574E56



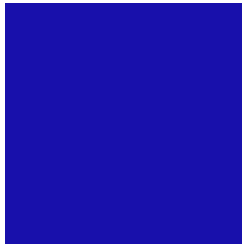
96008F



170016

Previews

White Background



This preview shows how the Hex color 1810AB looks on a white background.

Color Contrast Check

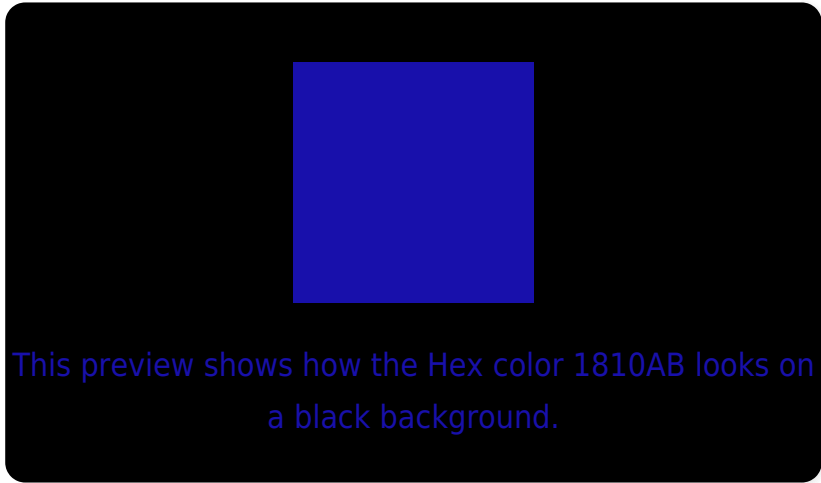
Large Text (above 18pt) WCAG AA ✓ Pass

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

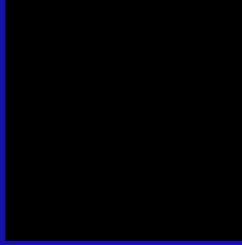
Any Text WCAG AA × Fail

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 1810AB Background



This preview shows how black text looks on a background with the Hex color 1810AB.



This preview shows how white text looks on a background with the Hex color 1810AB.

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



Trichromacy



Original Color
1810AB

Protanomaly
092784

Tritanomaly
092C66

Monochromacy



Original Color
1810AB

Achromatopsia
242424

Achromatomaly
201D55

CSS Examples

Text

The CSS property to change the color of the text to Hex 1810AB 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 #1810AB looks like.

```
.text, #text, p{  
    color:#1810AB  
}
```

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 #1810AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1810AB
}
```

Border

The CSS property to change the border of an element to Hex 1810AB 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
#1810AB }
```

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

```
.border{ border-color:#1810AB }
```

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

Here you see how a box with a 4 pixel #1810AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1810AB; -webkit-box-shadow:4px 4px  
4px 4px #1810AB; box-shadow:4px 4px 4px  
4px #1810AB }
```

Background

The CSS property to change the background color of an element to Hex 1810AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1810AB }
```

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

```
.background{ background-color:#1810AB }
```

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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