

Converting Colors

Hex(184AB9)

Have a look what the booklet for
Hex(184AB9) contains.

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Color

Hex(184AB9)

Conversions

Conversions Part 1

Format	Color
Hex	184AB9
RGB	24, 74, 185
RGB Percent	9%, 29%, 73%
CMY	0.9059, 0.7098, 0.2745
CMYK	0.87, 0.60, 0.00, 0.27
HSL	221°, 77%, 41%
HSV	221°, 87%, 73%
XYZ	11.5824, 8.5945, 46.9474
YIQ	71.7040, -65.4310, 23.9210

Conversions

Conversions Part 2

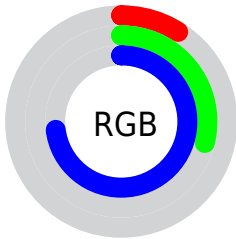
Format	Color
R_{YB}	24, 62, 185
Decimal	1591993
CIE _{Lab}	35.19, 27.24, -62.83
CIE _{LCh}	35, 68.481, 293.435
Yxy	8.5945, 0.1726, 0.1280
Android (android.graphics.Color)	4279782073 (0xFF184AB9)
YUV	71.7040, 55.8549, -41.8364
Hunter-Lab	29.3164, 19.2186, -74.4256

Details

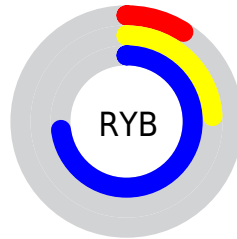
The Hex color **184AB9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B98718**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **657AF2**, and **002083** is the 20% darker color. If you saturate the color by 10%, you get **053DB9**, and if you desaturate by 10%, it is **2B57B9**.

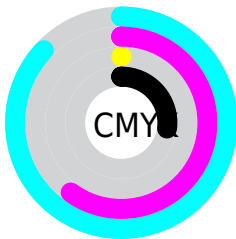
Distribution



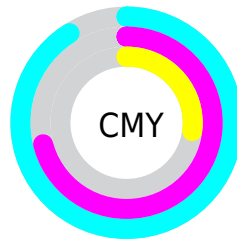
- Red (9%)
- Green (29%)
- Blue (73%)



- Red (9%)
- Yellow (24%)
- Blue (73%)



- Cyan (87%)
- Magenta (60%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 184AB9 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 184AB9 by changing the saturation by 10% instead.

■ 184AB9

■ 184AB9

FFFFFF

■ 00349D

■ 657AF2

■ 002083

■ 8494FF

■ 000D69

■ A2AEFF

■ 000550

■ C0CAFF

■ 000538

■ DEE6FF

■ 000221

■ FCFFFF

■ 000007

■ 000000

■ 184AB9

■ 184AB9

■ 053DB9

■ 2B57B9

■ 0039B9

■ 3D64B9

■ 4F70B9

■ 627DB9

■ 758AB9

■ 8797B9

■ 9AA3B9

■ ACB0B9

■ BEBDB9

Harmonies

Analogous

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



005EC1



184AB9



862695

Triad

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



184AB9



963000



006845

Complementary

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



184AB9



B98718

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.



006400



184AB9



704D00

Square

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



184AB9



AC002C



3D5C00



00697D

Rectangle

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



184AB9



A20073



3D5C00



006731

Sweetspot

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



184AB9



B1C5F0



18B986



535E78



F7F7F7



787878

Same Dimension

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



184AB9



004AF0



3618B9



53555C



00309C



00091C

Inverse Universe

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



B9184A



F0004A



9BB918



5C5355



9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 184AB9 looks on a white background.

Color Contrast Check

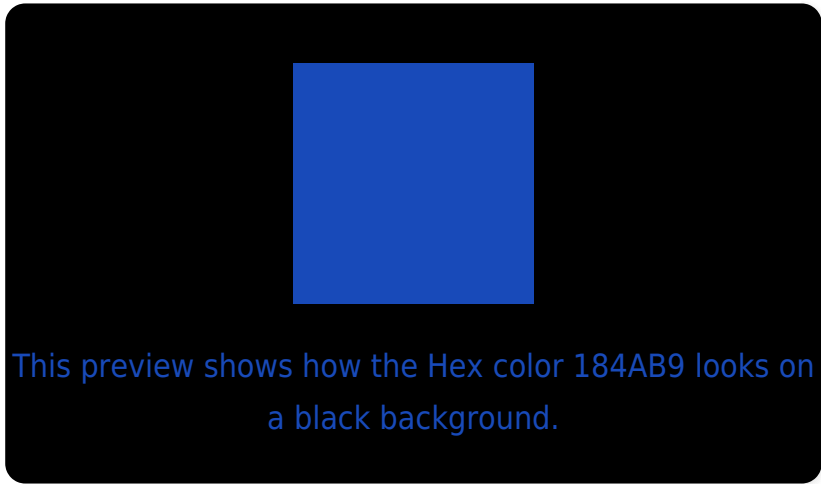
Large Text (above 18pt) WCAG AA ✓ Pass

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

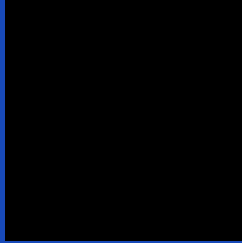
Any Text WCAG AA × Fail

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 184AB9 Background



This preview shows how black text looks on a background with the Hex color 184AB9.



This preview shows how white text looks on a background with the Hex color 184AB9.

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
184AB9

Protanopia
004FA8

Deuteranopia
005590



Tritanopia
005C61

Trichromacy



Original Color
184AB9

Protanomaly
094DAE

Deuteranomaly
09519F

Tritanomaly
095581

Monochromacy



Original Color
184AB9

Achromatopsia
484848

Achromatomaly
374971

CSS Examples

Text

The CSS property to change the color of the text to Hex 184AB9 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 #184AB9 looks like.

```
.text, #text, p{  
    color:#184AB9  
}
```

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 #184AB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184AB9
}
```

Border

The CSS property to change the border of an element to Hex 184AB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

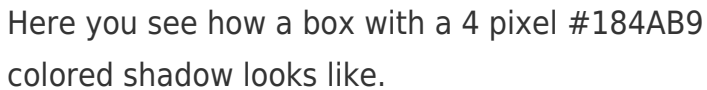
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#184AB9 }
```

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

```
.border{ border-color:#184AB9 }
```

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



Here you see how a box with a 4 pixel #184AB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184AB9; -webkit-box-shadow:4px 4px  
4px 4px #184AB9; box-shadow:4px 4px 4px  
4px #184AB9 }
```

Background

The CSS property to change the background color of an element to Hex 184AB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184AB9 }
```

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

```
.background{ background-color:#184AB9 }
```

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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