

Converting Colors

Hex(1B7FAA)

Have a look what the booklet for
Hex(1B7FAA) contains.

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Color

Hex(1B7FAA)

Conversions

Conversions Part 1

Format	Color
Hex	1B7FAA
RGB	27, 127, 170
RGB Percent	11%, 50%, 67%
CMY	0.8941, 0.5020, 0.3333
CMYK	0.84, 0.25, 0.00, 0.33
HSL	198°, 73%, 39%
HSV	198°, 84%, 67%
XYZ	15.2971, 18.3140, 40.7589
YIQ	102.0020, -73.4030, -7.8270

Conversions

Conversions Part 2

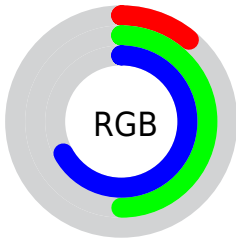
Format	Color
R_{YB}	27, 86, 170
Decimal	1802154
CIE _{Lab}	49.87, -11.97, -30.56
CIE _{LCh}	50, 32.823, 248.613
Yxy	18.3140, 0.2057, 0.2463
Android (android.graphics.Color)	4279992234 (0xFF1B7FAA)
YUV	102.0020, 33.5230, -65.7768
Hunter-Lab	42.7949, -11.0861, -26.5128

Details

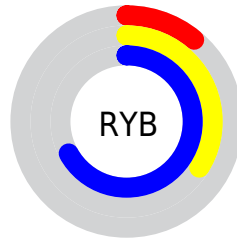
The Hex color **1B7FAA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AA461B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **62B4E1**, and **004E76** is the 20% darker color. If you saturate the color by 10%, you get **0A7AAA**, and if you desaturate by 10%, it is **2C84AA**.

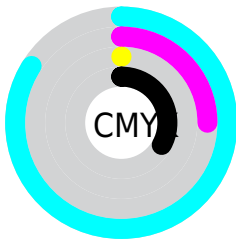
Distribution



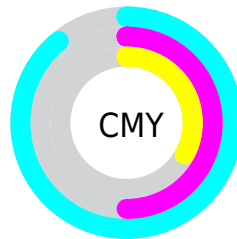
- Red (11%)
- Green (50%)
- Blue (67%)



- Red (11%)
- Yellow (34%)
- Blue (67%)



- Cyan (84%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7FAA 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 1B7FAA by changing the saturation by 10% instead.

■ 1B7FAA

■ 1B7FAA

FFFFFF

■ 00668F

■ 62B4E1

■ 004E76

■ 80CFFE

■ 00375D

■ 9DEBFF

■ 002245

■ BAEFFF

■ 00042F

■ D8FFFF

■ 000119

■ F6FFFF

■ 000000

■ 1B7FAA

■ 1B7FAA

■ 0A7AAA

■ 2C84AA

0077AA

3D89AA

4E8EAA

5F93AA

7099AA

819EAA

92A3AA

A3A8AA

B4ADAA

Harmonies

Analogous

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



008499



1B7FAA



5977AE

Triad

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



1B7FAA



AC6070



627F4A

Complementary

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



1B7FAA



AA461B

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.



80783E



1B7FAA



A96555

Square

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



1B7FAA



A0638C



996E43



3E8461

Rectangle

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



1B7FAA



7770A8



996E43



6D7D44

Sweetspot

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



1B7FAA



A6CDDE



1BAA46



4F6670



F0F0F0



707070

Same Dimension

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



1B7FAA



009BDE



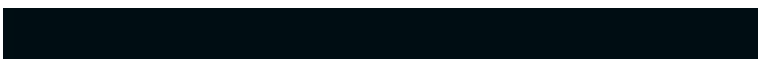
1B38AA



4C5254



006794



000E14

Inverse Universe

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



AA1B7F



DE009B



AA8D1B



544C52



940067



14000E

Previews

White Background



This preview shows how the Hex color 1B7FAA looks on a white background.

Color Contrast Check

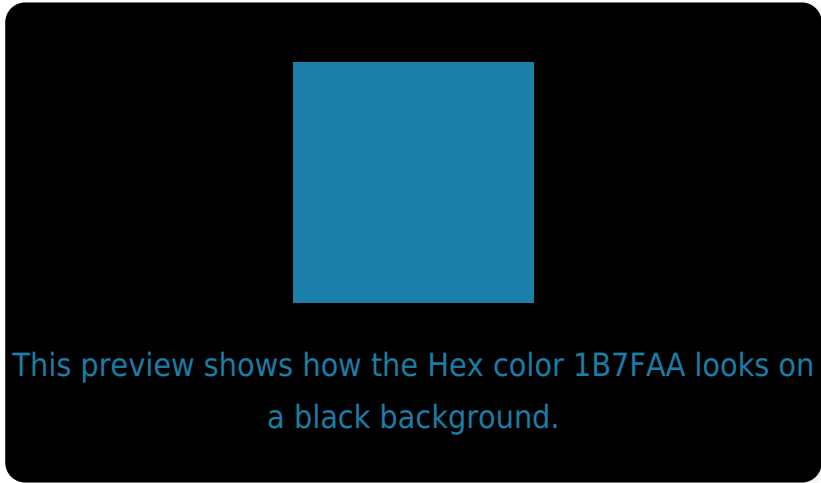
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

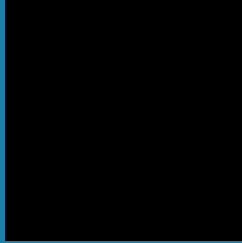
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1B7FAA Background



This preview shows how black text looks on a background with the Hex color 1B7FAA.

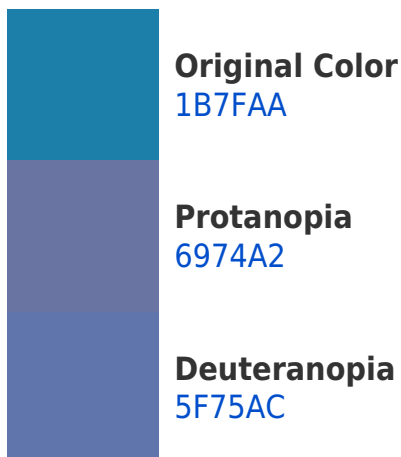


This preview shows how white text looks on a background with the Hex color 1B7FAA.

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](#).

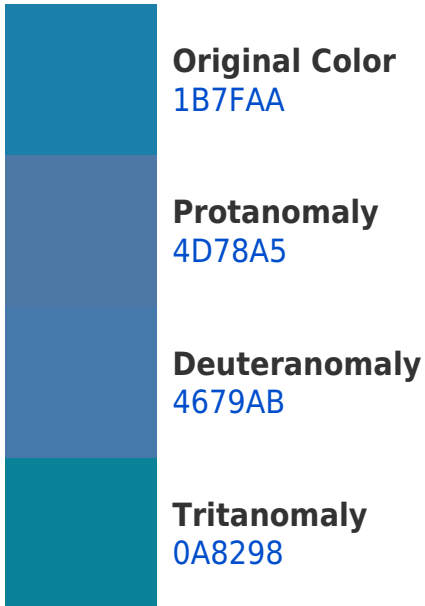
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7FAA 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 #1B7FAA looks like.

```
.text, #text, p{  
    color:#1B7FAA  
}
```

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 #1B7FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7FAA
}
```

Border

The CSS property to change the border of an element to Hex 1B7FAA 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
#1B7FAA }
```

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

```
.border{ border-color:#1B7FAA }
```

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

Here you see how a box with a 4 pixel #1B7FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7FAA; -webkit-box-shadow:4px 4px  
4px 4px #1B7FAA; box-shadow:4px 4px 4px  
4px #1B7FAA }
```

Background

The CSS property to change the background color of an element to Hex 1B7FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7FAA }
```

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

```
.background{ background-color:#1B7FAA }
```

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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