

Converting Colors

Hex(1B8486)

Have a look what the booklet for
Hex(1B8486) contains.

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Color

Hex(1B8486)

Conversions

Conversions Part 1

Format	Color
Hex	1B8486
RGB	27, 132, 134
RGB Percent	11%, 52%, 53%
CMY	0.8941, 0.4824, 0.4745
CMYK	0.80, 0.01, 0.00, 0.47
HSL	181°, 66%, 32%
HSV	181°, 80%, 53%
XYZ	13.0063, 18.4568, 25.4313
YIQ	100.8330, -63.2220, -21.6380

Conversions

Conversions Part 2

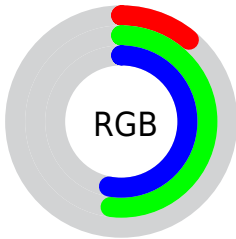
Format	Color
RYB	27, 80, 134
Decimal	1803398
CIELab	50.05, -27.02, -9.30
CIElCh	50, 28.576, 198.986
Yxy	18.4568, 0.2286, 0.3244
Android (android.graphics.Color)	4279993478 (0xFF1B8486)
YUV	100.8330, 16.3513, -64.7515
Hunter-Lab	42.9613, -21.1424, -5.0242

Details

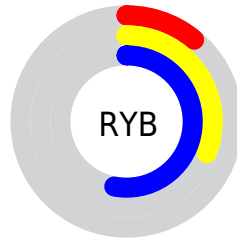
The Hex color **1B8486** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **861D1B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5DBABB**, and **005254** is the 20% darker color. If you saturate the color by 10%, you get **0E8486**, and if you desaturate by 10%, it is **288486**.

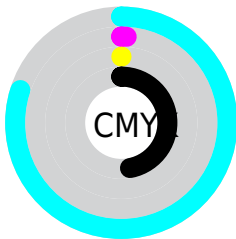
Distribution



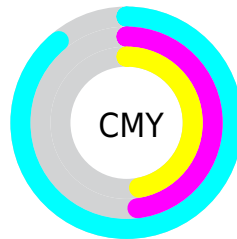
- Red (11%)
- Green (52%)
- Blue (53%)



- Red (11%)
- Yellow (31%)
- Blue (53%)



- Cyan (80%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B8486 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 1B8486 by changing the saturation by 10% instead.

 1B8486

 1B8486

FFFFFF

 006A6D

 5DBABB

 005254

 79D5D7

 003A3D

 96F2F3

 002528

 B3FFFF

 000114

 D0FFFF

 000000

 EDFFFF

 1B8486

 1B8486

 0E8486

 288486

■ 008386

■ 368586

■ 438586

■ 518586

■ 5E8586

■ 6B8686

■ 798686

■ 868686

■ 948686

Harmonies

Analogous

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



3D846D



1B8486



1B829B

Triad

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



1B8486



8D6B97



8F7247

Complementary

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



1B8486



861D1B

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.



A06A53



1B8486



A16581

Square

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



1B8486



6D74A5



A76568



787A48

Rectangle

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



1B8486



367EA4



A76568



96704A

Sweetspot

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



1B8486



84ADAD



1B861D



3E5657



D6D6D6



575757

Same Dimension

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



1B8486



07AAAD



1B4F86



3C4242



008082



000303

Inverse Universe

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



861B84



AD07AA



86521B



423C42



820080



030003

Previews

White Background



This preview shows how the Hex color 1B8486 looks on a white background.

Color Contrast Check

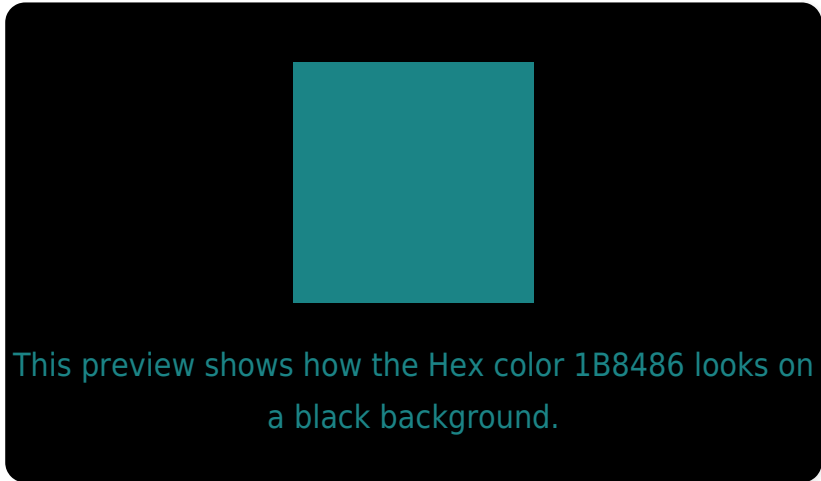
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

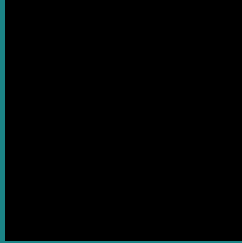
Any Text WCAG AA ✓ Pass

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 1B8486 Background



This preview shows how black text looks on a background with the Hex color 1B8486.

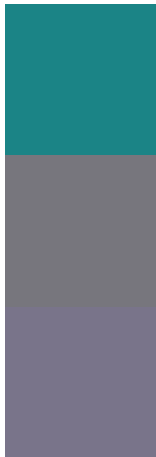


This preview shows how white text looks on a background with the Hex color 1B8486.

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
1B8486

Protanopia
77767D

Deuteranopia
79748A



Tritanopia
22838D

Trichromacy



Original Color
1B8486

Protanomaly
567B80

Deuteranomaly
577A89

Tritanomaly
1F838A

Monochromacy



Original Color
1B8486

Achromatopsia
656565

Achromatomaly
4A7071

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B8486 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 #1B8486 looks like.

```
.text, #text, p{  
    color:#1B8486  
}
```

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 #1B8486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B8486
}
```

Border

The CSS property to change the border of an element to Hex 1B8486 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
#1B8486 }
```

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

```
.border{ border-color:#1B8486 }
```

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

Here you see how a box with a 4 pixel #1B8486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B8486; -webkit-box-shadow:4px 4px  
4px 4px #1B8486; box-shadow:4px 4px 4px  
4px #1B8486 }
```

Background

The CSS property to change the background color of an element to Hex 1B8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B8486 }
```

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

```
.background{ background-color:#1B8486 }
```

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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