

Converting Colors

Hex(1B9393)

Have a look what the booklet for
Hex(1B9393) contains.

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Color

Hex(1B9393)

Conversions

Conversions Part 1

Format	Color
Hex	1B9393
RGB	27, 147, 147
RGB Percent	11%, 58%, 58%
CMY	0.8941, 0.4235, 0.4235
CMYK	0.82, 0.00, 0.00, 0.42
HSL	180°, 69%, 34%
HSV	180°, 82%, 58%
XYZ	16.1522, 23.2070, 31.2319
YIQ	111.1200, -71.5200, -25.4400

Conversions

Conversions Part 2

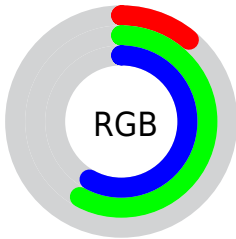
Format	Color
R_{YB}	27, 87, 147
Decimal	1807251
CIE _{Lab}	55.28, -30.31, -8.99
CIE _{LCh}	55, 31.619, 196.526
Yxy	23.2070, 0.2288, 0.3288
Android (android.graphics.Color)	4279997331 (0xFF1B9393)
YUV	111.1200, 17.6888, -73.7732
Hunter-Lab	48.1737, -24.4546, -4.7172

Details

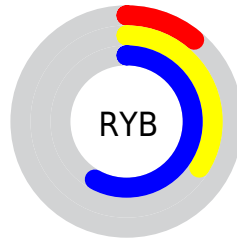
The Hex color **1B9393** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **931B1B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61C9C9**, and **006061** is the 20% darker color. If you saturate the color by 10%, you get **0C9393**, and if you desaturate by 10%, it is **2A9393**.

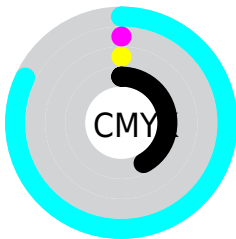
Distribution



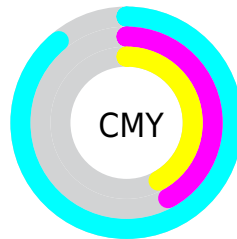
- Red (11%)
- Green (58%)
- Blue (58%)



- Red (11%)
- Yellow (34%)
- Blue (58%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B9393 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 1B9393 by changing the saturation by 10% instead.

■ 1B9393

■ 1B9393

FFFFFF

■ 007979

■ 61C9C9

■ 006061

■ 7EE6E5

■ 004749

■ 9BFFFF

■ 003032

■ B8FFFF

■ 001C1D

■ D6FFFF

■ 000002

■ F4FFFF

■ 000000

■ 1B9393

■ 1B9393

■ 0C9393

■ 2A9393

■ 009393

■ 389393

■ 479393

■ 569393

■ 649393

■ 739393

■ 829393

■ 919393

■ 9F9393

Harmonies

Analogous

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



459277



1B9393



1291AB

Triad

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



1B9393



9A78AA



A17E4F

Complementary

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



1B9393



931B1B

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.



B3755E



1B9393



B27092

Square

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



1B9393



7582B9



BA6F76



87884F

Rectangle

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



1B9393



358DB6



BA6F76



A87B53

Sweetspot

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



1B9393



91BFBF



1B931B



456161



E0E0E0



616161

Same Dimension

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



1B9393



04BFBF



1B5793



434A4A



008A8A



000A0A

Inverse Universe

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



931B93



BF04BF



93571B



4A434A



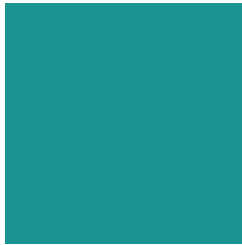
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 1B9393 looks on a white background.

Color Contrast Check

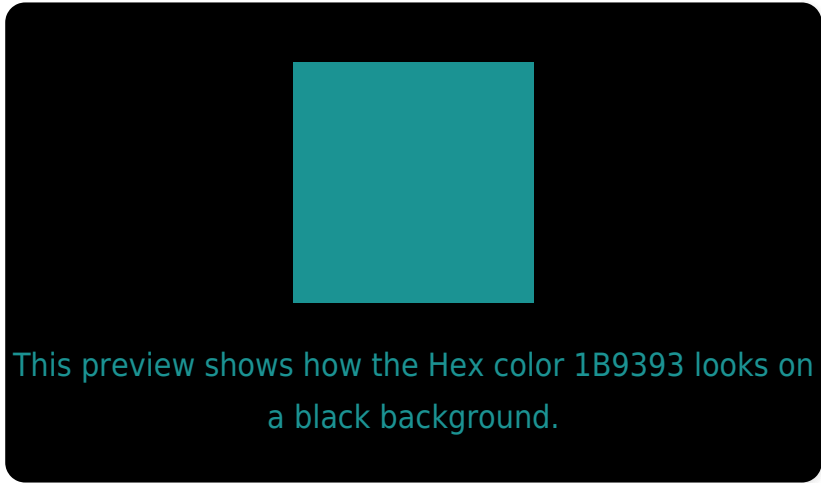
Large Text (above 18pt) WCAG AA ✓ Pass

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

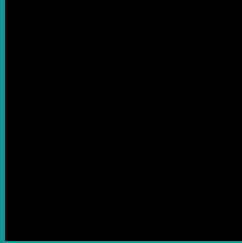
Any Text WCAG AA ✓ Pass

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 1B9393 Background



This preview shows how black text looks on a background with the Hex color 1B9393.

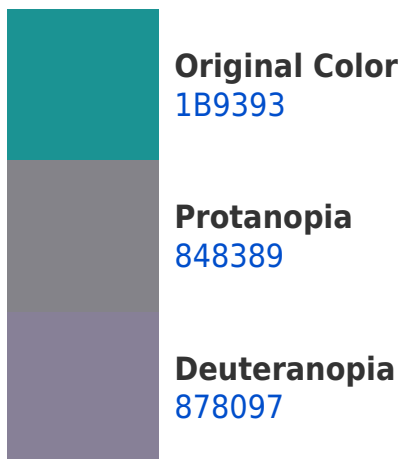


This preview shows how white text looks on a background with the Hex color 1B9393.

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
25919D

Trichromacy



Original Color
1B9393



Protanomaly
5E898D



Deuteranomaly
608796



Tritanomaly
219299

Monochromacy



Original Color
1B9393



Achromatopsia
6F6F6F



Achromatomaly
507C7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B9393 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 #1B9393 looks like.

```
.text, #text, p{  
    color:#1B9393  
}
```

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 #1B9393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B9393
}
```

Border

The CSS property to change the border of an element to Hex 1B9393 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
#1B9393 }
```

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

```
.border{ border-color:#1B9393 }
```

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

Here you see how a box with a 4 pixel #1B9393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B9393; -webkit-box-shadow:4px 4px  
4px 4px #1B9393; box-shadow:4px 4px 4px  
4px #1B9393 }
```

Background

The CSS property to change the background color of an element to Hex 1B9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B9393 }
```

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

```
.background{ background-color:#1B9393 }
```

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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