

Converting Colors

Hex(15B79C)

Have a look what the booklet for
Hex(15B79C) contains.

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Color

Hex(15B79C)

Conversions

Conversions Part 1

Format	Color
Hex	15B79C
RGB	21, 183, 156
RGB Percent	8%, 72%, 61%
CMY	0.9176, 0.2824, 0.3882
CMYK	0.89, 0.00, 0.15, 0.28
HSL	170°, 79%, 40%
HSV	170°, 89%, 72%
XYZ	23.2435, 36.4267, 37.2585
YIQ	131.4840, -87.8850, -42.7410

Conversions

Conversions Part 2

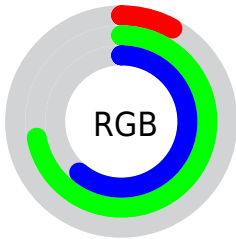
Format	Color
RYB	21, 109, 183
Decimal	1423260
CIELab	66.84, -44.42, 2.95
CIElCh	67, 44.513, 176.205
Yxy	36.4267, 0.2398, 0.3758
Android (android.graphics.Color)	4279613340 (0xFF15B79C)
YUV	131.4840, 12.0864, -96.8945
Hunter-Lab	60.3545, -36.8772, 5.6469

Details

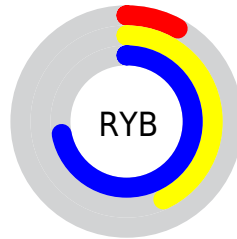
The Hex color **15B79C** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B71530**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **66F0D2**, and **008169** is the 20% darker color. If you saturate the color by 10%, you get **03B799**, and if you desaturate by 10%, it is **27B79F**.

Distribution



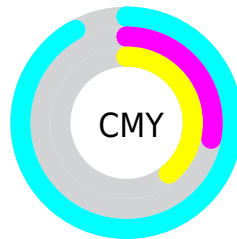
- Red (8%)
- Green (72%)
- Blue (61%)



- Red (8%)
- Yellow (43%)
- Blue (72%)



- Cyan (89%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)



- Cyan (92%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B79C 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 15B79C by changing the saturation by 10% instead.

 15B79C

 15B79C

FFFFFF

 009C82

 66F0D2

 008169

 85FFEF

 006751

 A3FFFF

 004E3A

 C2FFFF

 003624

 E0FFFF

 002010

 000000

 15B79C

 15B79C

 03B799

 27B79F

■ 00B798

■ 3AB7A2

■ 4CB7A5

■ 5EB7A8

■ 71B7AB

■ 83B7AE

■ 95B7B1

■ A7B7B4

■ BAB7B7

Harmonies

Analogous

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



67B375



15B79C



00B7C5

Triad

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



15B79C



9E9AEA



DE9061

Complementary

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



15B79C



B71530

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.



EE8581



15B79C



D08BD0

Square

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



15B79C



54A8F2



EA82A9



C09F51

Rectangle

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



15B79C



00B4DB



EA82A9



E58C6B

Sweetspot

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



15B79C



ADEDE2



30B715



517871



F7F7F7



787878

Same Dimension

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



15B79C



00EDC6



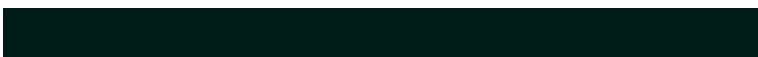
1581B7



535C5A



009C82



001C17

Inverse Universe

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



B71530



ED0028



B74B15



5C5354



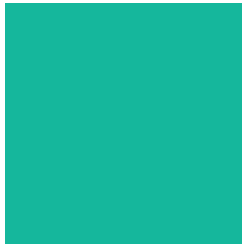
9C001A



1C0005

Previews

White Background



This preview shows how the Hex color 15B79C looks on a white background.

Color Contrast Check

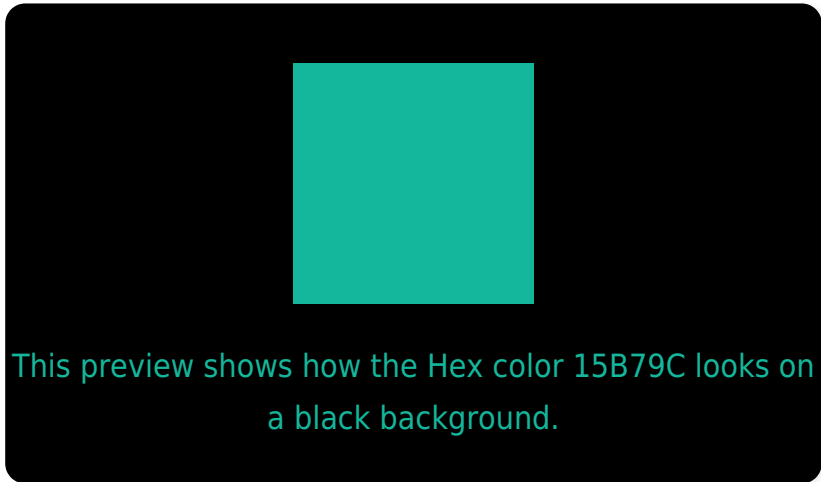
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

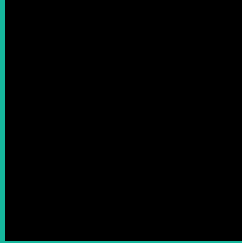
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 15B79C Background



This preview shows how black text looks on a background with the Hex color 15B79C.

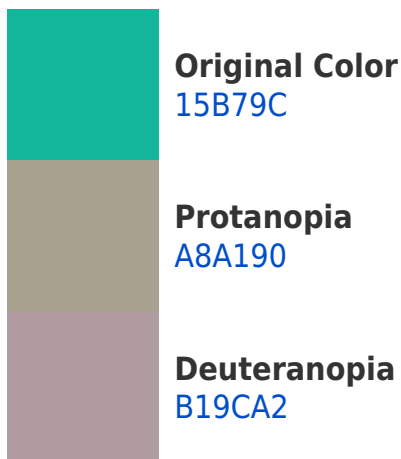


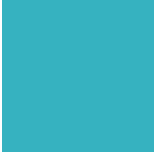
This preview shows how white text looks on a background with the Hex color 15B79C.

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
36B2C0

Trichromacy



Original Color
15B79C



Protanomaly
73A994



Deuteranomaly
78A6A0



Tritanomaly
2AB4B3

Monochromacy



Original Color
15B79C



Achromatopsia
838383



Achromatomaly
5B968C

CSS Examples

Text

The CSS property to change the color of the text to Hex 15B79C 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 #15B79C looks like.

```
.text, #text, p{  
    color:#15B79C  
}
```

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 #15B79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B79C
}
```

Border

The CSS property to change the border of an element to Hex 15B79C 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
#15B79C }
```

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

```
.border{ border-color:#15B79C }
```

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

Here you see how a box with a 4 pixel #15B79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B79C; -webkit-box-shadow:4px 4px  
4px 4px #15B79C; box-shadow:4px 4px 4px  
4px #15B79C }
```

Background

The CSS property to change the background color of an element to Hex 15B79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B79C }
```

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

```
.background{ background-color:#15B79C }
```

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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