

Converting Colors

Hex(159B73)

Have a look what the booklet for
Hex(159B73) contains.

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Color

Hex(159B73)

Conversions

Conversions Part 1

Format	Color
Hex	159B73
RGB	21, 155, 115
RGB Percent	8%, 61%, 45%
CMY	0.9176, 0.3922, 0.5490
CMYK	0.86, 0.00, 0.26, 0.39
HSL	162°, 76%, 35%
HSV	162°, 86%, 61%
XYZ	15.1251, 24.8399, 20.2171
YIQ	110.3740, -67.0240, -40.8480

Conversions

Conversions Part 2

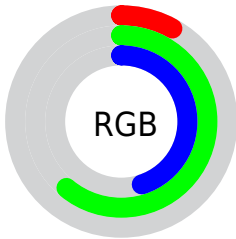
Format	Color
R_{YB}	21, 100, 155
Decimal	1416051
CIE _{Lab}	56.92, -43.36, 11.62
CIE _{LCh}	57, 44.887, 164.992
Y _{xy}	24.8399, 0.2513, 0.4127
Android (android.graphics.Color)	4279606131 (0xFF159B73)
Y _{UV}	110.3740, 2.2806, -78.3810
Hunter-Lab	49.8397, -33.0490, 10.8372

Details

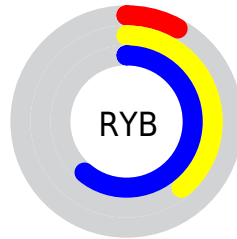
The Hex color **159B73** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B153D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5DD2A7**, and **006743** is the 20% darker color. If you saturate the color by 10%, you get **069B6E**, and if you desaturate by 10%, it is **259B78**.

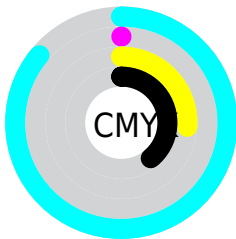
Distribution



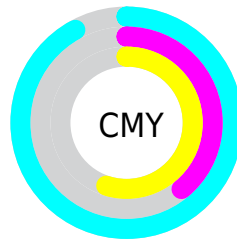
- Red (8%)
- Green (61%)
- Blue (45%)



- Red (8%)
- Yellow (39%)
- Blue (61%)



- Cyan (86%)
- Magenta (0%)
- Yellow (26%)
- Black (39%)



- Cyan (92%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 159B73 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 159B73 by changing the saturation by 10% instead.

 159B73

 159B73

FFFFFF

 00805A

 5DD2A7

 006743

 7BEFC2

 004E2D

 98FFDE

 003618

 B5FFFB

 002000

 D3FFFF

 000000

 F0FFFF

 159B73

 159B73

 069B6E

 259B78

■ 009B6D

■ 349B7C

■ 449B81

■ 539B86

■ 639B8A

■ 729B8F

■ 829B93

■ 919B98

■ A19B9D

Harmonies

Analogous

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



60964F



159B73



009C9C

Triad

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



159B73



6A86D4



C97153

Complementary

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



159B73



9B153D

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.



D26876



159B73



A576C0

Square

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



159B73



0092D4



C76A9E



B07F3B

Rectangle

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



159B73



009BB4



C76A9E



CE6D5E

Sweetspot

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



159B73



95C9BA



3D9B15



46665D



E6E6E6



666666

Same Dimension

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



159B73



00C98D



15809B



454D4A



008C62



000D09

Inverse Universe

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



9B153D



C9003C



9B3015



4D4547



8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 159B73 looks on a white background.

Color Contrast Check

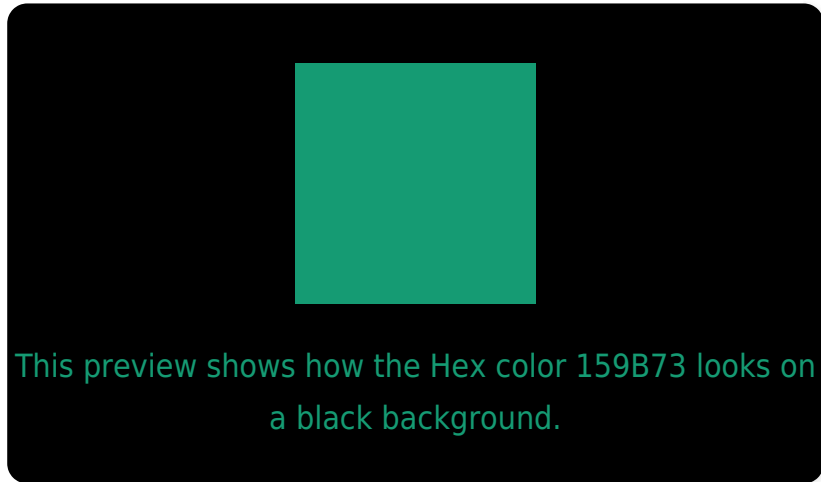
Large Text (above 18pt) WCAG AA ✓ Pass

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

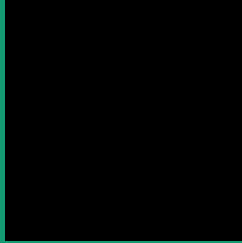
Any Text WCAG AA ✓ Pass

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 159B73 Background



This preview shows how black text looks on a background with the Hex color 159B73.

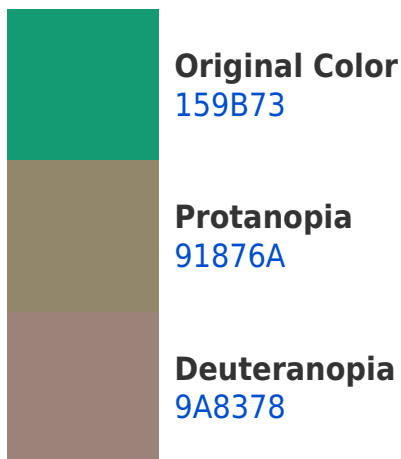


This preview shows how white text looks on a background with the Hex color 159B73.

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
3595A1

Trichromacy



Original Color
159B73



Protanomaly
648E6D



Deuteranomaly
6A8C76



Tritanomaly
299790

Monochromacy



Original Color
159B73



Achromatopsia
6E6E6E



Achromatomaly
4E7E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 159B73 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 #159B73 looks like.

```
.text, #text, p{  
    color:#159B73  
}
```

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 #159B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159B73
}
```

Border

The CSS property to change the border of an element to Hex 159B73 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
#159B73 }
```

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

```
.border{ border-color:#159B73 }
```

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

Here you see how a box with a 4 pixel #159B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159B73; -webkit-box-shadow:4px 4px  
4px 4px #159B73; box-shadow:4px 4px 4px  
4px #159B73 }
```

Background

The CSS property to change the background color of an element to Hex 159B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159B73 }
```

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

```
.background{ background-color:#159B73 }
```

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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