

Converting Colors

Hex(159B58)

Have a look what the booklet for
Hex(159B58) contains.

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Color

Hex(159B58)

Conversions

Conversions Part 1

Format	Color
Hex	159B58
RGB	21, 155, 88
RGB Percent	8%, 61%, 35%
CMY	0.9176, 0.3922, 0.6549
CMYK	0.86, 0.00, 0.43, 0.39
HSL	150°, 76%, 35%
HSV	150°, 86%, 61%
XYZ	13.7921, 24.3067, 13.1973
YIQ	107.2960, -58.3570, -49.2450

Conversions

Conversions Part 2

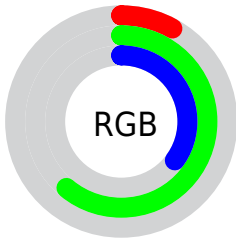
Format	Color
RYB	21, 110, 155
Decimal	1416024
CIELab	56.39, -49.30, 25.84
CIELCh	56, 55.658, 152.339
Yxy	24.3067, 0.2689, 0.4739
Android (android.graphics.Color)	4279606104 (0xFF159B58)
YUV	107.2960, -9.5129, -75.6816
Hunter-Lab	49.3018, -36.3433, 18.6403

Details

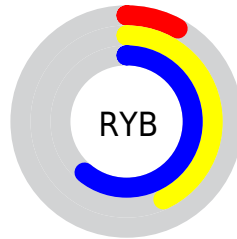
The Hex color **159B58** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B1558**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DD38B**, and **006629** is the 20% darker color. If you saturate the color by 10%, you get **069B50**, and if you desaturate by 10%, it is **259B60**.

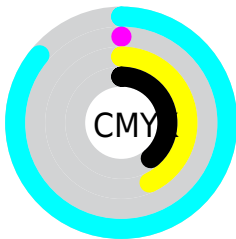
Distribution



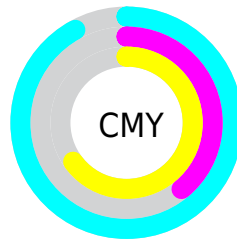
- Red (8%)
- Green (61%)
- Blue (35%)



- Red (8%)
- Yellow (43%)
- Blue (61%)



- Cyan (86%)
- Magenta (0%)
- Yellow (43%)
- Black (39%)



- Cyan (92%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 159B58 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 159B58 by changing the saturation by 10% instead.



159B58



159B58

FFFFFF



008040



5DD38B



006629



7AEFA5



004D12



97FFC1



003500



B4FFDD



001E00



D2FFF9



000000



F0FFFF



159B58



159B58



069B50



259B60

■ 009B4E

■ 349B67

■ 449B6F

■ 539B77

■ 639B7F

■ 729B87

■ 829B8E

■ 919B96

■ A19B9E

Harmonies

Analogous

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



6C932E



159B58



009E8A

Triad

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



159B58



008CE8



DB6156

Complementary

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



159B58



9B1558

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.



DD5985



159B58



8D79D9

Square

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



159B58



0098DD



C564B5



C3742F

Rectangle

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



159B58



009EAB



C564B5



DF5D65

Sweetspot

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



159B58



95C9AF



589B15



466656



E6E6E6



666666

Same Dimension

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



159B58



00C965



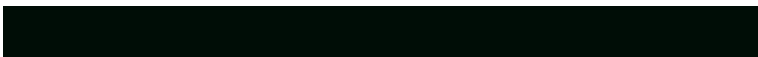
159B9B



454D49



008C46



000D06

Inverse Universe

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



9B1558



C90065



9B1515



4D4549



8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 159B58 looks on a white background.

Color Contrast Check

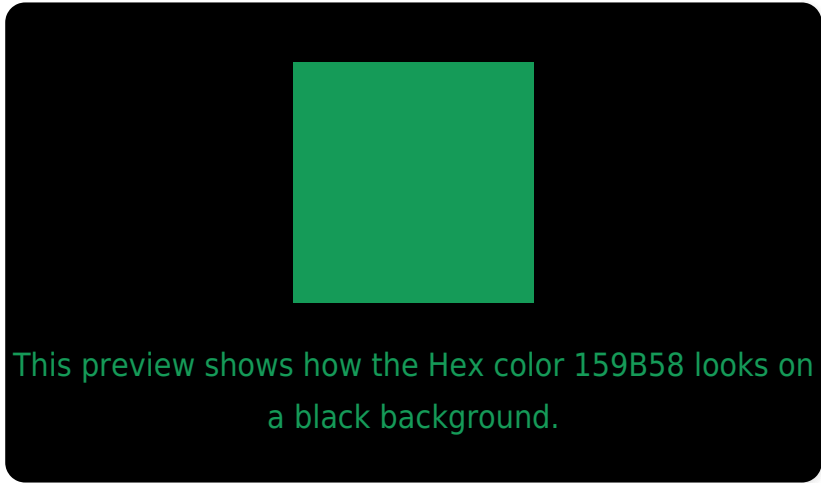
Large Text (above 18pt) WCAG AA ✓ Pass

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

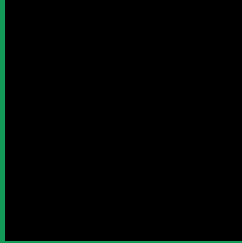
Any Text WCAG AA ✓ Pass

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 159B58 Background



This preview shows how black text looks on a background with the Hex color 159B58.



This preview shows how white text looks on a background with the Hex color 159B58.

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
159B58

Protanopia
938650

Deuteranopia
A0815E



Tritanopia
3C939F

Trichromacy



Original Color
159B58



Protanomaly
658E53



Deuteranomaly
6D8A5C



Tritanomaly
2E9685

Monochromacy



Original Color
159B58



Achromatopsia
6B6B6B



Achromatomaly
4C7C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 159B58 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 #159B58 looks like.

```
.text, #text, p{  
    color:#159B58  
}
```

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 #159B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159B58  
}
```

Border

The CSS property to change the border of an element to Hex 159B58 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  
#159B58 }
```

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

```
.border{ border-color:#159B58 }
```

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

Here you see how a box with a 4 pixel #159B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159B58; -webkit-box-shadow:4px 4px  
4px 4px #159B58; box-shadow:4px 4px 4px  
4px #159B58 }
```

Background

The CSS property to change the background color of an element to Hex 159B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159B58 }
```

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

```
.background{ background-color:#159B58 }
```

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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