

Converting Colors

Hex(159915)

Have a look what the booklet for
Hex(159915) contains.

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Color

Hex(159915)

Conversions

Conversions Part 1

Format	Color
Hex	159915
RGB	21, 153, 21
RGB Percent	8%, 60%, 8%
CMY	0.9176, 0.4000, 0.9176
CMYK	0.86, 0.00, 0.86, 0.40
HSL	120°, 76%, 34%
HSV	120°, 86%, 60%
XYZ	11.8359, 22.9960, 4.5243
YIQ	98.4840, -36.3000, -69.0360

Conversions

Conversions Part 2

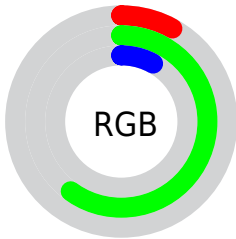
Format	Color
R_{YB}	21, 153, 153
Decimal	1415445
CIE _{Lab}	55.07, -56.64, 53.26
CIE _{LCh}	55, 77.751, 136.765
Yxy	22.9960, 0.3007, 0.5843
Android (android.graphics.Color)	4279605525 (0xFF159915)
YUV	98.4840, -38.1996, -67.9535
Hunter-Lab	47.9542, -39.8632, 27.9741

Details

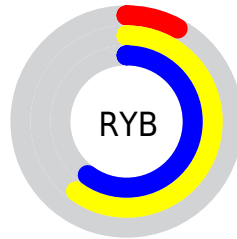
The Hex color **159915** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **991599**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5FD14F**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **069906**, and if you desaturate by 10%, it is **249924**.

Distribution



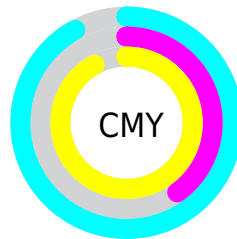
- Red (8%)
- Green (60%)
- Blue (8%)



- Red (8%)
- Yellow (60%)
- Blue (60%)



- Cyan (86%)
- Magenta (0%)
- Yellow (86%)
- Black (40%)



- Cyan (92%)
- Magenta (40%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 159915 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 159915 by changing the saturation by 10% instead.



159915



159915

FFFFFF



007E00



5FD14F



006400



7DED6A



004B00



9AFF85



003400



B8FFA0



001A00



D6FFBC



000000



F4FFD8




FFFFFF6



159915



159915

 069906

 249924


 009900

 349934

 439943

 529952

 629962

 719971

 809980

 8F998F

 9F999F

Harmonies

Analogous

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



7C8C00



159915



009F63

Triad

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



159915



0095FF



F83161

Complementary

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



159915



991599

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.



EB36A5



159915



0B7FFF

Square

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



159915



009FE6



B45DE1



E4551F

Rectangle

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



159915



00A192



B45DE1



F82B78

Sweetspot

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



159915



93C793



999915



456345



E3E3E3



636363

Same Dimension

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



159915



00C700



159957



454D45



008C00



000D00

Inverse Universe

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



991599



C700C7



991557



4D454D



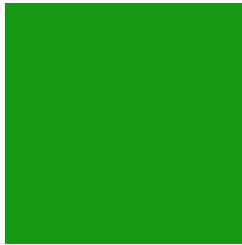
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 159915 looks on a white background.

Color Contrast Check

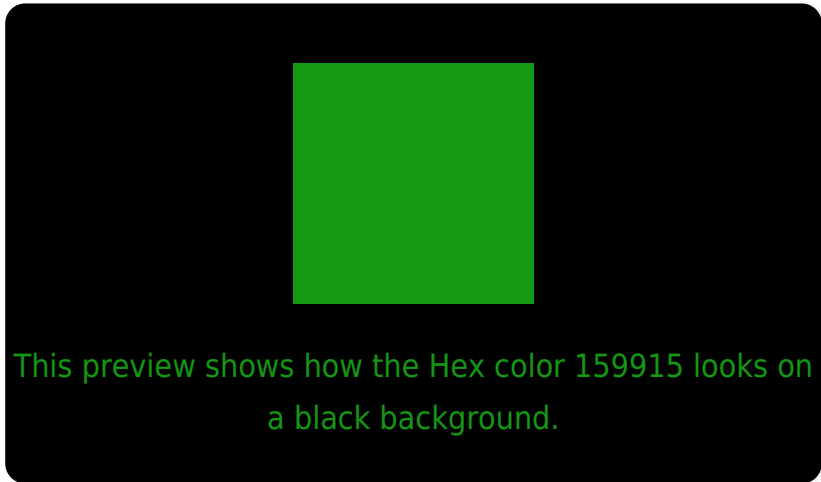
Large Text (above 18pt) WCAG AA ✓ Pass

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 159915 Background



This preview shows how black text looks on a background with the Hex color 159915.



This preview shows how white text looks on a background with the Hex color 159915.

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
159915

Protanopia
94830E

Deuteranopia
A47C26



Tritanopia
428E9A

Trichromacy



Original Color
159915



Protanomaly
668B11



Deuteranomaly
708720



Tritanomaly
32926A

Monochromacy



Original Color
159915



Achromatopsia
626262



Achromatomaly
467646

CSS Examples

Text

The CSS property to change the color of the text to Hex 159915 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 #159915 looks like.

```
.text, #text, p{  
    color:#159915  
}
```

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 #159915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159915
}
```

Border

The CSS property to change the border of an element to Hex 159915 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".

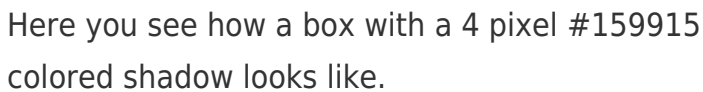
```
.border, #border, table{ border:4px solid
#159915 }
```

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

```
.border{ border-color:#159915 }
```

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

Here you see how a box with a 4 pixel #159915 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159915; -webkit-box-shadow:4px 4px  
4px 4px #159915; box-shadow:4px 4px 4px  
4px #159915 }
```

Background

The CSS property to change the background color of an element to Hex 159915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159915 }
```

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

```
.background{ background-color:#159915 }
```

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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