

Converting Colors

Hex(159031)

Have a look what the booklet for
Hex(159031) contains.

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Color

Hex(159031)

Conversions

Conversions Part 1

Format	Color
Hex	159031
RGB	21, 144, 49
RGB Percent	8%, 56%, 19%
CMY	0.9176, 0.4353, 0.8078
CMYK	0.85, 0.00, 0.66, 0.44
HSL	134°, 75%, 32%
HSV	134°, 85%, 56%
XYZ	10.8369, 20.3277, 6.2582
YIQ	96.3930, -42.8130, -55.6210

Conversions

Conversions Part 2

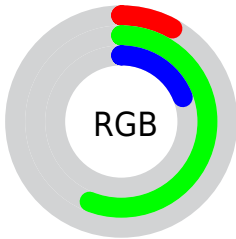
Format	Color
RYB	21, 121, 144
Decimal	1413169
CIELab	52.21, -51.54, 40.41
CIElCh	52, 65.493, 141.899
Yxy	20.3277, 0.2896, 0.5432
Android (android.graphics.Color)	4279603249 (0xFF159031)
YUV	96.3930, -23.3647, -66.1197
Hunter-Lab	45.0862, -35.9968, 23.3306

Details

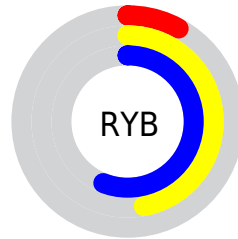
The Hex color **159031** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **901574**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5BC763**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **079026**, and if you desaturate by 10%, it is **23903C**.

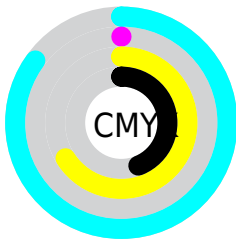
Distribution



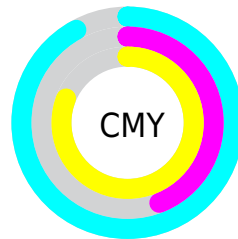
- Red (8%)
- Green (56%)
- Blue (19%)



- Red (8%)
- Yellow (47%)
- Blue (56%)



- Cyan (85%)
- Magenta (0%)
- Yellow (66%)
- Black (44%)



- Cyan (92%)
- Magenta (44%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 159031 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 159031 by changing the saturation by 10% instead.

 159031

 159031

FFFFFF

 007617

 5BC763

 005C00

 78E37D

 004300

 95FF98

 002D00

 B2FFB3

 000E00

 CFFFCF

 000000

 EDF FEC

 159031

 159031

 079026

 23903C

■ 009021

■ 329047

■ 409052

■ 4F905D

■ 5D9069

■ 6B9074

■ 7A907F

■ 88908A

■ 979095

Harmonies

Analogous

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



6F8600



159031



00956B

Triad

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



159031



0088EC



DE4356

Complementary

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



159031



901574

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.



D8418E



159031



5874E6

Square

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



159031



0092D4



B059C3



CA5C22

Rectangle

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



159031



009692



B059C3



E03F69

Sweetspot

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



159031



8ABA95



759015



415E48



DEDEDE



5E5E5E

Same Dimension

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



159031



00BA2A



15906D



404742



00871F



000802

Inverse Universe

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



901574



BA0090



901538



474046



870068



080006

Previews

White Background



This preview shows how the Hex color 159031 looks on a white background.

Color Contrast Check

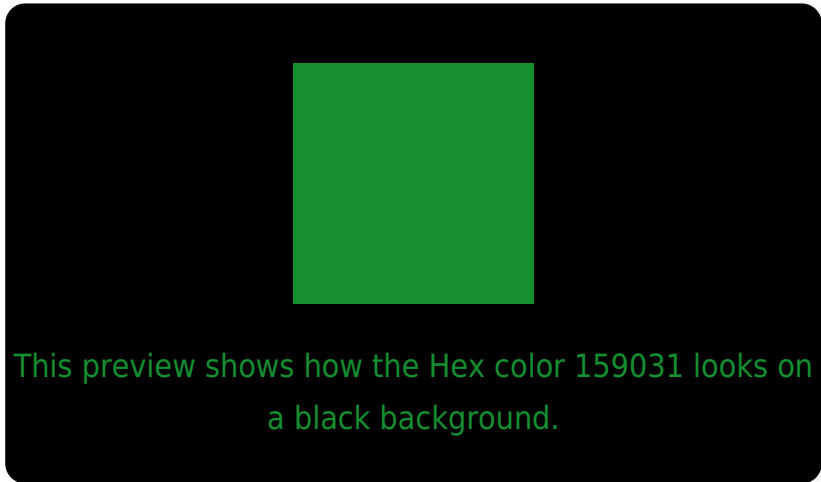
Large Text (above 18pt) WCAG AA ✓ Pass

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 159031 Background



This preview shows how black text looks on a background with the Hex color 159031.



This preview shows how white text looks on a background with the Hex color 159031.

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
159031

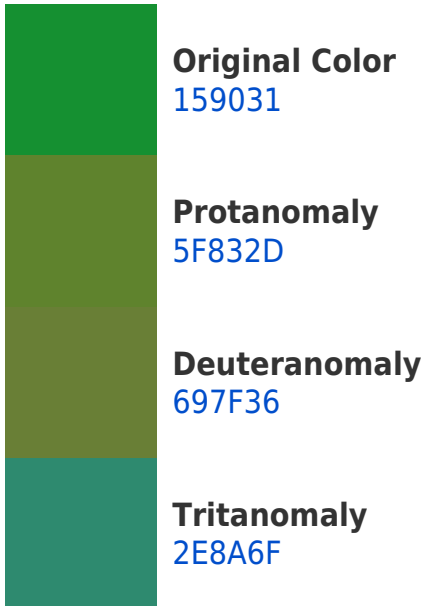
Protanopia
8A7C2B

Deuteranopia
997639

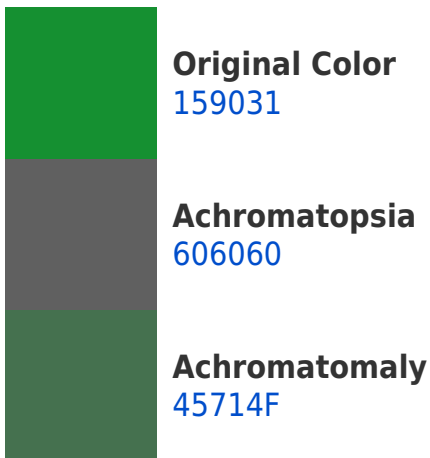


Tritanopia
3D8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 159031 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 #159031 looks like.

```
.text, #text, p{  
    color:#159031  
}
```

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 #159031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159031
}
```

Border

The CSS property to change the border of an element to Hex 159031 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
#159031 }
```

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

```
.border{ border-color:#159031 }
```

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

Here you see how a box with a 4 pixel #159031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159031; -webkit-box-shadow:4px 4px  
4px 4px #159031; box-shadow:4px 4px 4px  
4px #159031 }
```

Background

The CSS property to change the background color of an element to Hex 159031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159031 }
```

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

```
.background{ background-color:#159031 }
```

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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