

Converting Colors

Hex(159354)

Have a look what the booklet for
Hex(159354) contains.

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Color

Hex(159354)

Conversions

Conversions Part 1

Format	Color
Hex	159354
RGB	21, 147, 84
RGB Percent	8%, 58%, 33%
CMY	0.9176, 0.4235, 0.6706
CMYK	0.86, 0.00, 0.43, 0.42
HSL	150°, 75%, 33%
HSV	150°, 86%, 58%
XYZ	12.3432, 21.6670, 11.9191
YIQ	102.1440, -54.8730, -46.3050

Conversions

Conversions Part 2

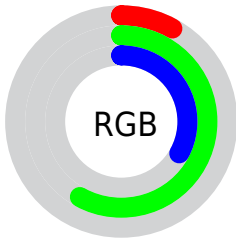
Format	Color
R _Y B	21, 105, 147
Decimal	1413972
CIE Lab	53.67, -47.11, 24.45
CIE LCh	54, 53.075, 152.569
Yxy	21.6670, 0.2687, 0.4717
Android (android.graphics.Color)	4279604052 (0xFF159354)
YUV	102.1440, -8.9450, -71.1633
Hunter-Lab	46.5478, -34.1252, 17.4016

Details

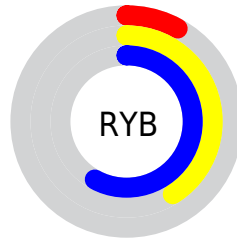
The Hex color **159354** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **931554**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BCA86**, and **005F25** is the 20% darker color. If you saturate the color by 10%, you get **06934D**, and if you desaturate by 10%, it is **24935B**.

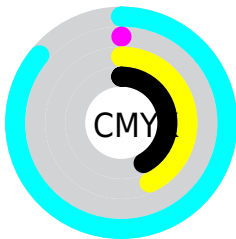
Distribution



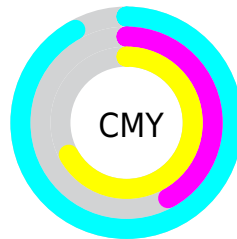
- Red (8%)
- Green (58%)
- Blue (33%)



- Red (8%)
- Yellow (41%)
- Blue (58%)



- Cyan (86%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)



- Cyan (92%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 159354 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 159354 by changing the saturation by 10% instead.

 159354

 159354

FFFFFF

 00793C

 5BCA86

 005F25

 78E7A1

 00460F

 94FFBC

 002F00

 B1FFD8

 001500

 CFFFF4

 000000

 ECFFFF

 159354

 159354

 06934D

 24935B

■ 00934A

■ 329363

■ 41936A

■ 509371

■ 5E9379

■ 6D9380

■ 7C9387

■ 8B938F

■ 999396

Harmonies

Analogous

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



668C2D



159354



009683

Triad

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



159354



0084DC



CF5C52

Complementary

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



159354



931554

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.



D2557E



159354



8672CE

Square

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



159354



0090D1



BB5FAB



B96E2D

Rectangle

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



159354



0096A2



BB5FAB



D35860

Sweetspot

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



159354



8EBFA6



549315



436152



E0E0E0



616161

Same Dimension

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



159354



00BF60



159393



434A46



008A45



000A05

Inverse Universe

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



931554



BF0060



931515



4A4346



8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 159354 looks on a white background.

Color Contrast Check

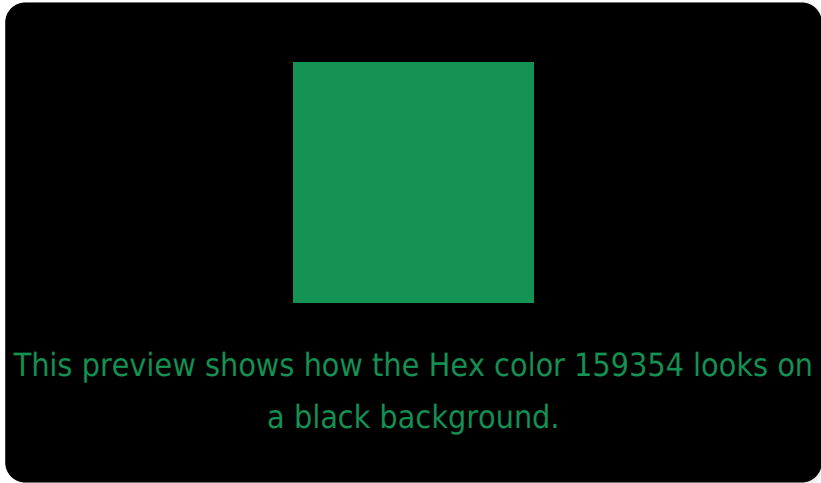
Large Text (above 18pt) WCAG AA ✓ Pass

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

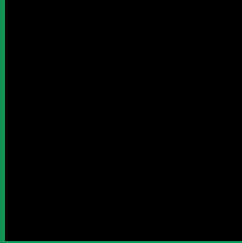
Any Text WCAG AA ✓ Pass

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 159354 Background



This preview shows how black text looks on a background with the Hex color 159354.



This preview shows how white text looks on a background with the Hex color 159354.

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
159354

Protanopia
8B7F4C

Deuteranopia
987A5A



Tritanopia
398B97

Trichromacy



Original Color
159354



Protanomaly
60864F



Deuteranomaly
688358



Tritanomaly
2C8E7F

Monochromacy



Original Color
159354



Achromatopsia
666666



Achromatomaly
49765F

CSS Examples

Text

The CSS property to change the color of the text to Hex 159354 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 #159354 looks like.

```
.text, #text, p{  
    color:#159354  
}
```

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 #159354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159354
}
```

Border

The CSS property to change the border of an element to Hex 159354 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
#159354 }
```

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

```
.border{ border-color:#159354 }
```

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

Here you see how a box with a 4 pixel #159354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159354; -webkit-box-shadow:4px 4px  
4px 4px #159354; box-shadow:4px 4px 4px  
4px #159354 }
```

Background

The CSS property to change the background color of an element to Hex 159354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159354 }
```

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

```
.background{ background-color:#159354 }
```

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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